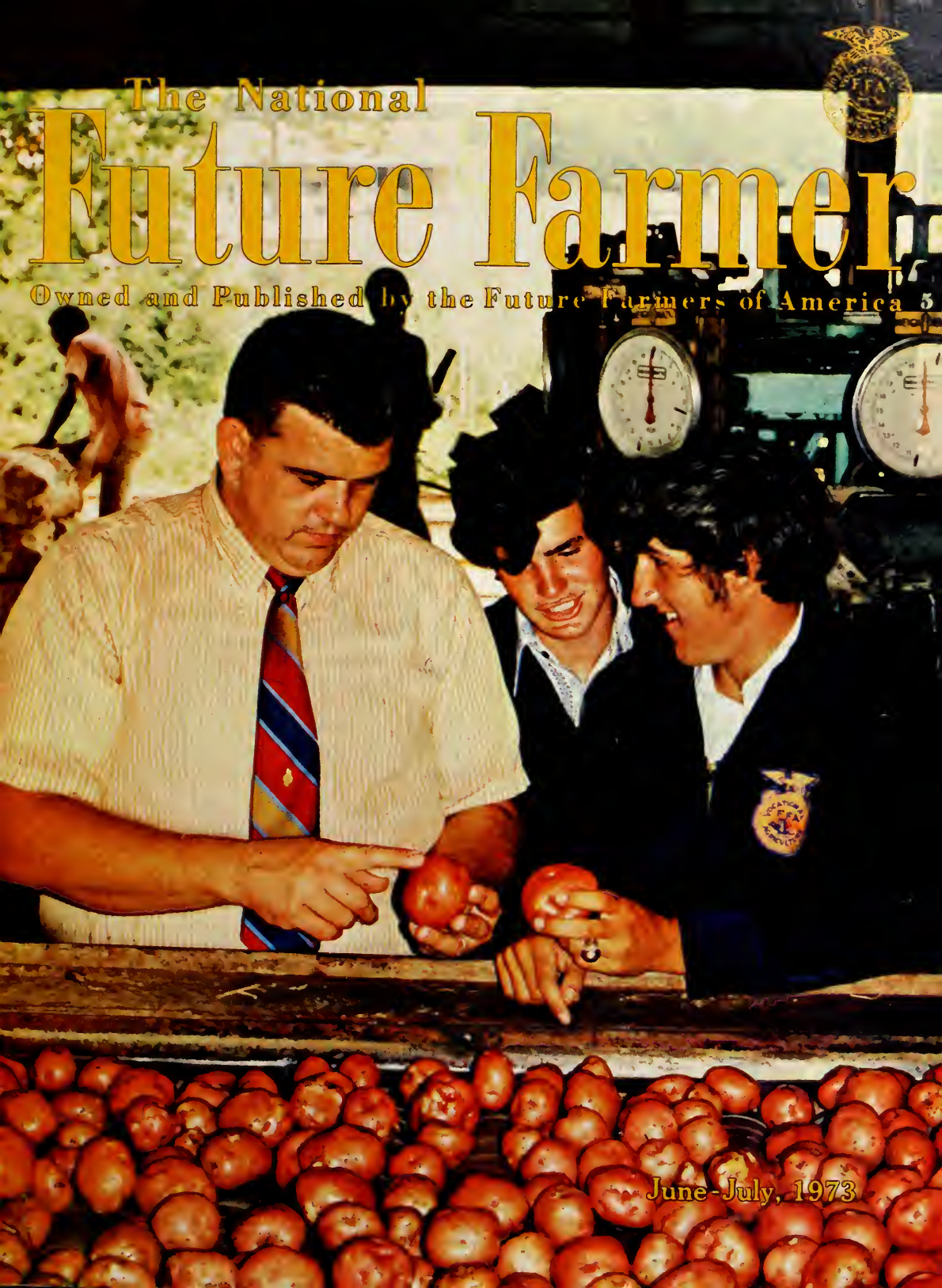

The National Future Farmer

Owned and Published by the Future Farmers of America

June-July, 1973

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Firestone WIDE OVAL 60

A ROAD REPORT BY:

JOE LEONARD

1971 & 1972 USAC DRIVING CHAMPION

Joe Leonard probably knows as much about performance tires and tire performance as any man in auto sports today.

That's why we asked him to spend 500 miles behind the wheel of a Cougar XR7 equipped with Firestone's Wide Oval 60 belted tires, the widest tire in Firestone's family of Hard Chargers. Here are some of Joe's reactions:

"I'll tell you, this Wide Oval 60 is a real performance tire. Some of the wide tires they're selling today *look* like a lot of muscle but they may not deliver the traction and handling that a real permance tire should.

"The Wide Oval 60 is wide enough to put a lot of footprint on the road and keep it on the road.

"Cornering? I found the Wide Oval 60s would really hang in there. And when you get to the edge they don't let loose all at once—even on dirt.

"At freeway speeds the Wide Oval 60 was stable and steady even in some heavy rain I ran into. You get good wet traction from the wide grooves and the open tread pattern. And when it comes to braking, this tire really hangs on fine when you bring 'em down hard.

"Acceleration I'd say is real good. That Cougar delivers a lot of torque to the rear wheels but the Wide Oval 60 puts plenty of rubber on the ground to absorb it. They ride as well as any tire I've ever owned, too. Nothing harsh about 'em."

Anything else you'd like to know about Firestone Wide Oval 60s you can ask your Firestone Man. The Wide Oval is available in both belted and four-ply nylon cord construction in almost any popular size.

Wide 60 Oval — Firestone TM. 60®

The National
Future Farmer

VOLUME 21 NUMBER 5 JUNE-JULY, 1973

Departments

Looking Ahead	6	Chapter Scoop	30
Successful Alumni	10	FFA In Action	40
Mailbag	10	Joke Page	44

Agri-Emphasis: Agribusiness

Stockyards Classroom	22	Transportation Overloaded	25
"Cutting" Into Meat	24	Mixing Things By Formula	26

Youth Special: Summer Fun

Caravan To Canada	33	"Pull!" . . . Boom	36
Let's Go Camping	34	Gear For Outdoors	36

Other Features

Operating Cooperatives	12	Beef...A Complex Business	19
They Went On Tour For You	14	Mill On The Move	21
"The Best Way"	16	Don't Give In To Spending	32
A Show For Their Towns	18	Recreation Is No Game	37

Keep The Door Open 38

Our Cover

Agribusiness is especially important to the large farming area of Foley, Alabama. Here Advisor Bobby Hanks and "Corky" Kaechele, a production placement student, watch potatoes being graded in a shed owned by Brian Grantham's father. Brian (right), who helps manage the potato shed, handles field crews and operates a potato harvester during the day. When field operations shut down for the day Brian assists at the shed with office work, bagging, and shipping as well as grading operations. Brian also farms in partnership with his father. To read about more FFA members who are gaining experience in agribusiness turn to this issue's Agri-Emphasis which begins on page 22.

Photo by Ron Miller

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Meat Prices-- Why?

It seems to me at times that the high cost of meat has almost taken on the image of a sporting event in suburbia where I live. Fact is, some people have asked my children, "Whose side is he on?" This implies, I suppose, that one must side with the farmer or the consumer.

Why are meat prices high? There are two basic reasons according to information we received from Edgar Watkins, extension economist at Ohio State University.

Watkins says one reason is that the demand for beef and some other foods has edged up faster than normal recently. Demand for meat has increased because many consumers have more money to spend for the "cadillac foods." Weekly wages jumped 50 percent between 1965 and 1972 and family income climbed 62 percent during the same period.

Meat and other food prices during that same period increased only 33 percent. As 1973 began, food prices spurted upward rapidly and now have surpassed the average price increases of other consumer products, mainly because of rapidly rising meat prices. The increasing demand finally caught up with the supply.

The second reason Watkins points out for higher meat prices is farmer frustration back in 1971. Both pork and beef producers in early 1971 suffered from low prices. Breeding herds were sold and many cattlemen and hog farmers went out of business.

With growing demand for beef and pork during 1972, farmers began to expand breeding herds. This tended, in the short run, to slow the amount of meat going to slaughter, since more animals were kept on farms for breeding.

But now, Watkins points out, with better price prospects, farmers are responding with higher production and cites USDA figures to prove his point. But it takes time to breed a heifer or gilt, wait for the birth of offspring, and then feed them for market.

So it would appear that one of the basic laws of economics still prevails, supply and demand determine price. This is a good point to keep in mind as you plan your future in agriculture, whether you plan to produce and market a product, or use your skills and knowledge in another job in agriculture.

Wilson Carnes, Editor

Larry Howson, GM researcher and part-time interplanetary explorer.

Larry Howson spends his days directing the traffic of the future with a beam of light. The beam comes from a "light pencil" and the traffic is presented on a TV-like screen by a computer.

Larry and others at the GM Research Laboratories in Warren, Michigan, are working on the improvement of the nation's transportation systems. Larry programs a computer with a mathematical model of a possible system and then modifies the system with the "light pencil".

He's searching for answers to questions like: What are the social benefits and political consequences of a new transportation system? What will it cost to build and operate? The solutions can help make transportation in cities safer and more convenient.

What kind of pastime for a man who spends his days wrestling with the problems of the future? Science fiction, among other things. Larry Howson sends his imagination into the future following courses set by leading sci-fi authors, and sometimes comes back with ideas he can use on the job.

Larry Howson is a good example of the kind of interesting person who works at GM to improve the quality of life for all of us.

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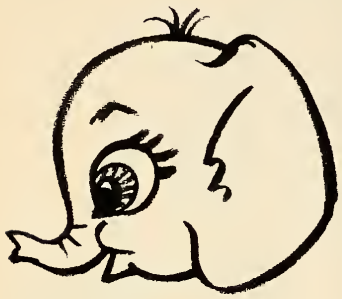

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Looking Ahead

Livestock

SCHOLARSHIP ESTABLISHED—A special memorial scholarship fund designed to provide college educations for deserving students has been announced by the American-International Charolais Association. According to Mr. J. Scott Henderson, executive secretary of the association, the scholarship fund will provide sustaining college assistance for as many as eight to ten new students each year through the American-International Junior Charolais Foundation, Inc.

DEODORIZING WASTES—Two new products for controling odors from animal wastes has been developed by researchers of Allied Mills. Wayne D-Odor I controls odors in aerobic conditions—pens, barns, and confinement facilities—where animal wastes are exposed to air containing *plenty* of oxygen. The companion product, Wayne D-Odor II, is designed to control odor in an anaerobic environment—lagoons or pits—where there is very *little* oxygen.

LOW-LABOR WORMING—A labor saving method of treating grazing beef cattle for worms has been introduced by the Moorman Manufacturing Company. The new E-Z-Ex Blonde Block, a protein-mineral-vitamin block containing thiabendazole, is effective against the four most common gastrointestinal roundworms. The self-fed block is approved for dry dairy cows and dairy heifers as well as beef cattle.

Crops

DECLINING FARMLAND—Land used for food and fiber production in the U.S. is decreasing at a net rate of a million acres a year. However, economic experts say it's no cause for alarm as production per acre went up 50 percent from 1950 to 1970. This trend counteracted a more than 10 percent decrease in land uses for crops and a population climb of one-third. Despite a projected population of 307.8 million by the year 2000, the USDA's Economic Research Service indicates the use of farm products will rise 55 percent and even allow for a small gain in per capita food consumption.

HERBICIDE BREAKTHROUGH—Eradicane, the first herbicide containing a newly developed safening agent, has been introduced by Stauffer Chemical Company. The herbicide controls wild cane, nutsedge, johnsongrass, and quackgrass while at the same time protecting corn against herbicide injury. A limited amount of the chemical will be available for marketing during 1973 as a preplant corn herbicide application.

Management

FUTURE CONTRACTING—By 1980, three million persons will be trading commodity futures, up from approximately 500,000 today. A membership on the Chicago Mercantile Exchange will be worth more than one on the New York Stock Exchange, forecasts Mr. Michael Weinberg, Jr., C.M.E. board chairman. He further suggests some new service-type and financial contracts such as mortgages, agricultural credits, tightly supervised options, and other areas in which the public wishes to minimize risk will someday be actively traded on the futures market.

EXPORT UPTREND—The world food situation is affecting human psychology and political consideration as well as physical data on food supplies, says Mr. Harold Breimyer, a University of Missouri agricultural economist. The U.S. has the world's best combination for producing food but because resources like petroleum are getting scarce, productivity will be adversely affected. Accordingly, a gradual uptrend in farm exports rather than a continuation of the 1972-73 spiral is expected in future years.

Safety

FARM SAFETY CAMPAIGN—The USDA's 1973 safety efforts are being coordinated with the National Safety Council to reduce the annual loss of 2,000 farm lives. The campaign includes an overall farm machinery safety theme "Mr. Farmer, Don't Get Caught Up In Your Work," plus monthly safety challenges. Major emphasis for the year will occur during National Farm Safety Week, July 25-31.

What are you doing after school?

Some of your friends will be going away to college. Others to jobs. What are your plans? If you haven't made any yet, consider a job with today's Army.

A job that starts you at $307.20 a month before deductions. With free meals, housing, medical and dental care, and 30 days paid vacation each year.

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Talk it over with your Army Representative, or write Army Opportunities, P.O. Box 5510J, Philadelphia, PA 19143.

Today's Army wants to join you.

SUCCESSFUL ALUMNI

Dr. M. L. Fahning

IT is a big step from reporter for the Freeborn, Minnesota, FFA Chapter to vice president and director of research for International Cryo-Biological Services, Inc., St. Paul, Minnesota. But Dr. M. L. Fahning, 36, made it.

Dr. Fahning was an outstanding FFA member, holding several offices at the chapter, district, and state level, including state president in 1954-55. He also earned the coveted American Farmer degree.

After high school graduation, Dr. Fahning entered the University of Minnesota where he earned four degrees; a BS in 1958 with a major in agricultural education, MS in 1960 with a dairy husbandry major, and Doctor of Veterinary Medicine and Ph.D. in reproductive physiology, both in 1964.

In 1958, Dr. Fahning became a research assistant in the department of dairy husbandry at the University. He later was an assistant professor in that department and was associate professor in the department of veterinary obstetrics and gynecology at the time he joined his present firm.

Dr. Fahning has compiled an impressive list of research and teaching experience, honors, and publications he has authored or co-authored.

In his present position, Dr. Fahning has helped launch the first commericial ova transfer facility in the U.S., developed largely as a result of his research.

Ova transfer is the process of transferring many fertilized eggs from a single superior cow to several ordinary cows. The less-valuable cow carries the fertilized egg through pregnancy to birth. This allows a superior cow to mother several valuable calves a year.

The process has been described as "a great leap to compress the generations required for the cattle upgrading process." And a former FFA member from Minnesota had a major role in making it possible.

Albuquerque, New Mexico

I would like to take this opportunity to compliment one of the Nation's FFA chapters. I was the guest speaker (April 12) for the New Rockford, North Dakota, Central High School annual banquet—and was very impressed with the enthusiasm of this group.

The gracious way in which I was received by the group was most appreciated, and I am happy that I was able to speak before them. I accepted this offer at the insistence of an ex-college roommate who is the agriculture instructor in New Rockford; but as it turned out it was an enjoyable experience for me.

Since I am only 26, I am tremendously interested in the participation of this country's youth in such fulfilling projects as FFA. Again, let me compliment you on your New Rockford Chapter.

Sid Vinyard
Executive Director
Western Apparel and
Equipment Manufacturer Associates

Sydney, Florida

I want to tell you about an FFA member I met that has been a real inspiration to me and he needs help. That is why I am writing, thinking that other FFA members might want to help him.

His name is Dale Lyons and he is president of the Mayo Chapter. Dale was injured in a wrestling accident and is now completely paralyzed. I visited him recently and he has a good attitude, and is a heck of a nice guy. Dale was recently awarded his State Farmer degree in his hospital room.

The problem is he needs a sum of money for therapy in a clinic and unless this money is raised he will not go. So I am trying to do all I can to help raise the money; and others are, too.

The senior class donated the funds for their class trip. The FFA had a dance and other activities to raise money.

His father was scheduled to have open-heart surgery but couldn't due to Dale's hospital bill.

Anyone who wishes to help Dale may do so by sending a contribution. Checks should be made payable to the Dale Lyons Hospital Fund, and sent to Mr. Henry F. Williams, Lafayette High School, P.O. Box 58, Mayo, Florida 32066.

Bob Hinton
National FFA Vice President

Flushing, New York

Just a quick note to say, "It's about time, but thank you!" We really got a charge out of seeing John Bowne FFA in "Chapter Scoop."

If you ever find any chapters that would like to write to us or visit us, please put us in contact with them.

Janet Golub
President

Kittitas, Washington

Recently our math teacher, Mr. Roy King was thrown off his horse while he was moving to another farm. Mr. King was badly injured when the horse stepped on him.

The Kittitas FFA offered to help round up his cattle and move them to his new farm. Enclosed is an article from the Oakland, California *Tribune* about what our chapter did.

Leo Jones
Reporter

Verona, Wisconsin

I feel that *The National FUTURE FARMER* has been and is now doing an excellent job. Telling of national activities, bringing out new ideas, and most important, proving that our members use what they have learned.

By showing members with outstanding projects we reinforce our own motto in the minds of our members.

I believe that the magazine is first and may be the most important publication a young agribusinessman receives. We must continue to tell individual members "Look, it can be done."

And just as important it tells them they're not alone. The FFA is everywhere in the U.S.A.

Brad Harrison

Rollingstone, Minnesota

This past summer I had the opportunity to tour the FFA Supply Service during one of the Washington Conferences. While at the Supply Service I picked up a booklet entitled "FFA—The National Organization for Students in Agribusiness and Natural Resources."

At the time I thought it was something free that had been handed out to an earlier group. From the quick glance through that I had given it, it looked like an interesting booklet. So I put it in my folder and brought it home.

The other day, I was paging through a Supply Service Catalogue. It was then that I realized that, in reality, I had stolen the booklet.

Although it happened several months ago, I hope I can make amends with the enclosed 50 cents.

Karl Kronebasch
President

The Supply Service returned the 50 cents since the booklet is available in the pamphlet rack for those who visit the FFA Center.—Ed.

Senior puller.

Meet Jack Livesay. The oldest puller in National Tractor Pullers Association competition. And the only great grandfather.

Jack started pulling in 1960. "I wanted to be a stock car driver, but didn't have enough money. Then I saw a pull and said, 'that's it.' " The overflowing trophy cases and ribbon-stuffed drawers inside Jack's Philo, Illinois farmhouse prove his pulling prowess.

This year the 1971 National Champion, the '69 and '70 Illinois high-point man, and the '71 Indiana high-pointer plans to try for his second national championship. On a 427 Chevy-powered Massey Harris hot rod. Sparked by Champion. The plug brand Jack puts in his Massey tractors and combine, Case tractors, IH truck and Olds 88.

"I've always been a Champion user. I change them in my farm tractors every spring. And before the fall season, I'll change them again. With Champion.

"I won't use another one."

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OPERATING COOPERATIVES

UNITES YOUTH WITH OPPORTUNITIES

TEXTBOOK instruction is brought to life at Wenatchee, Washington, by allowing students to apply business knowledge through cooperatives. Advisors George Roberts and William Brown actually find students excited about coming into vocational agriculture and eager to buy shares in one of the chapter's seven cooperatives.

"We feel students gain a great deal of actual business experience in our cooperatives. The cooperatives furnish the opportunity for job training and management experiences after school hours and during summer months," say the advisors. "Project facilities include FFA livestock, orchard, and ornamental horticulture laboratories." Advisors Roberts and Brown believe the money gained through wages and patronage payments stimulates interest.

The first cooperative idea put to work at Wenatchee was a candy cooperative to provide incidental supplies. The project gives over 30 members working experience in business finance, purchasing, selling, and bookkeeping. FFA members conduct business each school day and declare patronage refunds at monthly business meetings.

Operating with a volume of $950 last year, candy cooperative members voted to use their net margins for paying half of two members' expenses to the National FFA Convention. The remaining net margin was distributed equally to each member.

The machinery and spray cooperative was created with 12 participating members. Cost of a share was $1.00, plus 20 hours of labor. Each additional 10 hours of work is worth another share. The FFA chapter purchases as many shares as those held by FFA members because the chapter provides the tractors, sprayers, discs, buck rakes, and other tools.

Members gain experience in record keeping and bookkeeping, as in all of their cooperatives, plus purchasing parts, repairing or building machinery, buying spray materials, and learning the safe use of chemicals and machinery on fruit trees and crops. Business volume amounts to about $2,000 yearly, and members' net margins are based on shares owned and labor earnings.

The Wenatchee orchard cooperative consists of 9½ acres of prime fruit trees—3 acres of pears, 5 acres of red and golden apples, and 1½ acres of cherries and peaches. Cooperative members produced over 160 bins of apples, some 2,500 pounds of cherries, 12 tons of pears, and about 300 pounds of peaches last year for a total volume of over $9,000.

The orchard was acquired by the school district in 1958. Agriculture Instructor Roberts and Assistant School Superintendent Jack Hill put together a plan by which the FFA chapter would operate the orchard. Twenty-six FFA members managed the planting, pruning, spraying, harvesting, grading, buying supplies, and selling of fruit this past season.

The FFA members acquired experience in marketing by selling pears to a cooperative for canning, cherries to a corporation as fresh fruit, cherries to a partnership company for canning, apples to individual packers, and peaches to a produce company. They kept journals of their work activities and dividends from the orchard and received additional shares worth $2.00 each for 25 hours' labor. The students were paid the regular picking price for summer harvesting work.

Presently, orchard co-op members are working with a local apple cooperative and the Washington Apple Commission for packing boxes of Wenatchee Red Delicious to sell.

An outgrowth of the orchard cooperative was a venture called "Neighbors in Need." The project was designed to help the people who had lost jobs due to the Boeing Aircraft shutdown in Seattle—160 miles from Wenatchee. FFA members collected 12 tons of fruit from local orchards, donated some from their own, and de-

Machinery and spray cooperative members operate the orchard equipment.
Wenatchee Daily World Photos

Wenatchee's orchard cooperative loaded fruit collected for the "Coopera-

Livestock cooperative members share in chores, record keeping, and overall management of the cattle. They buy their feed through the chapter feed co-op.

livered it to Seattle with two trucks under the theme "Cooperatives Cure."

The chapter's bee rental cooperative came about because the orchard cooperative needed bees for pollination. Consequently, five FFA members rented and transported bees under the organization of a service cooperative.

Advisors and FFA'ers agree the service area offers expanding potential for future cooperative activities.

A livestock cooperative with $1.00 shares of stock was established by the 17 junior and senior vocational agriculture students. With a journal of work and expenses outlined, the students elected officers and secured financing through the high school student activities council.

The cooperative provides its members with experience in feeding, sanitation, land and equipment rental, and livestock marketing. The members rented 18 acres from the school district for pasturing cattle, acquired the use of equipment from the FFA chapter, and purchased 26 head of beef. They divided the feeding chores, received equal profits, and repaid the loan for membership stock.

Recently the Wenatchee livestock cooperative obtained the use of the letters "FFA" as a registered cattle brand in the state of Washington.

A feed cooperative annually purchases about $6,000 in livestock feed for some 20 members. Similar to the operation of the other FFA cooperatives, these members ran their own organization and managed it as an agricultural business.

Additionally, Wenatchee FFA members interested in livestock set up an animal farm on the school property for first graders to tour. They explained about the animals and answered questions put forth by about 750 first graders.

An ornamental horticulture cooperative, the newest organization, involves 12 members—a member's share is $1.00, plus 15 hours' labor. The students produce peony tubers, cut flowers, popcorn seed, winter squash, and a variety of potted plants. They also advertise and sell their products.

The cooperative holds a sale on Memorial Day and regularly provides flowers to the elementary, junior, and senior high schools. Some crops are raised as money crops while the vegetable garden is given to the town VISTA program during the summer. As a sideline activity, four horticulture cooperative members presented demonstrations about popcorn and gave each third grader at seven area schools an ear of popcorn to take home.

The FFA enthusiasm spread to other students and teachers as four industrial arts classes formed woodworking cooperatives. Operating similar to FFA co-ops, woodworking students sold salad sets, tape boxes, speaker cabinets, class year pen sets, bread and cutting boards, salt shaker and napkin holder sets, candleholders, and small buildings.

Wenatchee FFA cooperatives also attract outside assistance. Fieldmen, experiment station personnel, growers, and cooperative managers often provide special instruction. For example, an orchard cooperative member was invited to listen to telephone sales of fruit to buyers and report weekly sales information to his class.

The experience gained through the operation of various cooperatives will be a lifelong asset to Wenatchee FFA members as they enter into the many different fields of agribusiness.

tives Cure" project on chapter owned trucks and delivered it to Seattle.

Horticulture co-op members pick peonies for the Memorial Day flower sale.

They Went on Tour for You

From the East Coast to the West Coast the National Officers told agriculture leaders about the importance of FFA to its members.

President Dwight presented the Star Sponsor award to A. Malcolm McVie, the 1973 FFA Foundation Sponsoring Committee chairman, in Indianapolis.

BY traveling singly, in pairs, in threes, and as a team of six the 1973 National Officers visited more leaders in business, organizations, and government on the annual National Officer Tour than ever before. The tour extended over seven weeks, included stops in 13 states and 20 cities, and contact with over 160 National FFA Foundation Sponsors.

Using the 1973 FFA WEEK theme, "Unites Youth With Opportunities," the officers spoke on the experiences being offered to FFA members through agriculture education in farming and agribusiness, international programs, leadership conferences, and incentive awards and contests.

Events of the tour varied from large banquets in Chicago and New York to moderate size luncheons in Detroit and other cities, to pleasant conversations over coffee in still others.

The pictures here will give you an indication of the varied activities of the 26th annual tour.

Many times on the tour the National Officers had a chance to talk individually with leaders of organizations.

The National Officer Tour permits the officers to say thanks to agribusiness leaders for supporting the FFA.

On several occasions the National Officers spoke with governors as well as other state government officials.

Company leaders often showed the National Officers and accompanying state officers through their agribusiness.

Throughout the National Officer Tour many luncheons in honor of National FFA Foundation Sponsors were held.

Wrangler thinks Americans spend too much for clothes.

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"The Best Way"

To this young man it's the only way to serve.

By John Leidner

FREDRICK McClure, a vibrant 18-year-old from the small east Texas town of San Augustine, serves over 51,000 FFA members as president of the Texas Association. His goal is "to serve the FFA in the best way possible."

"As state president, I will make every attempt to encourage young people to take advantage of the opportunities the FFA offers," Fred said in an interview last September. "The FFA does have a lot to offer, but I also want young people to take an active role in their own community affairs. We have a lot to contribute towards improving our community and our society. If I can in some way influence a young person to make a significant contribution I feel that my job as state president will be justified," continued the newly elected FFA officer.

When he campaigned for state president, Frederick emphasized his ability to serve, his willingness to work, and his dedication toward progress. These qualities have been exhibited in his long and impressive list of credentials.

"When campaigning for the office, I ran on my record. I'm proud of my race and proud of the FFA, but I don't like to read headlines proclaiming that the first black has been elected state president in Texas," says Fred.

Fred's father, Mr. F. T. McClure, was a vocational agriculture instructor and is now an intermediate school principal. His mother is a nurse.

Fredrick previously held the office of president in the San Augustine Chapter, the Piney Woods District, and the Area IX Association. A Lone Star Farmer degree recipient, he was president of his sophomore and senior high school classes. He is a member of Who's Who Among American High School Students and was salutatorian of his class. Fred was one of those selected among many applicants to attend a national science study group, and participated in a missionary crusade in Haiti.

Fred has proven himself a leader.

What does Fredrick regard as the most pressing need of the FFA members he is serving?

"Participation," he answers without hesitation. "The FFA has a multitude of leadership activities, judging contests, degree programs, and awards. I want to encourage all members to actively take part and do their best in their chosen area. By doing their best in the FFA programs, not only will the FFA benefit, but the individuals will receive the knowledge, experience, and rewards to make their lives more meaningful to themselves and our society.

"Not enough young people are actually concerned with the problems confronting them and our country," Fred continues. "Too many are apathetic to the point that they simply don't care about our country's welfare. Too many young people want something for nothing. The FFA is one avenue that enables us to make meaningful contributions."

As state president, Fredrick certainly is participating and contributing. He is representing the FFA at high schools, livestock shows, service clubs, on radio and television programs, and at banquets.

Since Texas has a large state association, Fred is one of a few state presidents who gave up a year of schooling to serve the FFA. During his term he expects to travel around 60,000 miles, visit over 400 high schools, and deliver almost 500 speeches.

"The Texas FFA Association furnishes each state president with a new car and all traveling expenses," comments Alan Jones, 1971-72 state president. "Fred has a lot of traveling in store for him this year and will average three days per week visiting with FFA members at their high schools."

Texas FFA Executive Secretary Billy Conner says, "Fred is doing a great job this year as president of the Texas Association. We are having a record number of requests for his appearance at schools, farm organizations, and service clubs. This is a truly capable, dedicated, and energetic young leader."

Other people are recognizing Fredrick's ability to lead, too. When Mr. Conner introduced Fredrick to a high ranking committee meeting of the Houston Livestock Show and Rodeo, one individual was so impressed he took Fredrick and purchased a pair of expensive ostrich-skin boots for him.

As many know, the young man further stands out as a gifted musician who sings and plays piano, organ, and alto sax like a professional.

As a high school sophomore, he was the drum major for the National FFA Band, and the next two years he was an accompanist and soloist for the National FFA Chorus. Fredrick performed as a soloist and organist at the Texas FFA Convention for two years also. Last spring the young musician sang the National Anthem to a near capacity crowd in the Houston Astrodome for the Houston Livestock Show and Rodeo's FFA Day.

"In my year of office I met many individuals, but no one who possessed the talent, desire, and potential of Fredrick," says Barham Fulmer, 1970-71 Texas president. "Just being around Fred has made me a better person.

"Fred is the kind of person that makes me wonder whether I'd rather hear him sing a song, play a musical instrument, or deliver a speech. His talents are equally outstanding," continues the former state president.

Former Texas Vice President Wendell Schronk says, "Besides being an outstanding musician, Fredrick has the capacity for sound judgment, zealous dedication, and the ability to inspire everyone he meets."

Fred's future FFA plans include applying for the American Farmer degree. "I hope to earn it from profits I have received from my beef production program of Angus cattle," he says modestly.

"I am interested in studying medicine, and I'm considering the possibility of majoring in biochemistry at Texas A&M University," says Fred. He is also interested in ag economics and does not discount this possibility of study.

But whatever he does, Fred is one young man that will be going a long way.

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Photos by Author

President Billy Keilholtz and Sweetheart Debbie Wolfe were interviewed at the WTHU Radio booth by the local announcer. Both served as chairmen of the show.

A Show for Their Towns

Do you like to go to a country fair? Then you would really like coming to this show.

By Ron Miller

THREE words—entertaining, educational, and inspirational—sum up one's attendance at the Thurmont and Emmitsburg Community Show. The show is held annually in mid-September and contributes much to the lives of area residents. But the story behind this 21-year-old activity involves the Catoctin FFA Chapter and the Thurmont and Emmitsburg Granges, co-sponsors of the event.

The show originated in Emmitsburg in 1952 but was later moved to Thurmont when school consolidation took place in the Catoctin area. Under the direction of FFA Advisor Bill Baker and Grange leaders the activity has grown to the extent it requires year-round planning.

Preparations for the show begin in January and continue through the summer. Several committees are formed, and they immediately take action to incorporate suggestions from community leaders. The Catoctin Chapter and the Granges annually feature an organization such as the Frederick County Firemen's Association, who put on demonstrations at the show in 1972, or the Maryland State Patrol, who will be the attraction at the 1973 community affair.

"We are looking forward to having the most successful community show ever," says Advisor Baker, "especially after the record number of entries in 1972. Last year the attendance totaled over 5,000 visitors."

For an activity to involve the entire community it must have variety—and the Catoctin FFA goes all out to provide it.

Exhibits at the community show include everything from agricultural products and livestock to homemaking projects and art crafts. The money prizes are small but competition is stiff—speaking from the experience of serving as a judge—and friendly. FFA members logged in a total of 1,407 exhibits put on display by more than 1,200 persons.

As people browse through the exhibits in the gymnasium and vo-ag department they stop to talk with their friends or listen to organ music. After seeing who won what prize they might buy a cake at the baked goods auction or tour through the folk craft display or the antique show.

FFA member Rick Matthews, chairman of the poultry, hay, and turkey exhibits says, "A main feature of our show is the Maryland Turkey Producers' Association state show, the only live turkey exhibit held in the state. Last

(Continued on Page 29)

Long lines formed as Catoctin members logged exhibits into 250 classes.

BEEF... A COMPLEX BUSINESS

Lots of people think there's plenty of beef as near as the food store but it's not that simple.

THERE is no short cut in beef production. And not everyone understands the complex problems involved. Some FFA members do—but not all. The better you understand them, the better your chances of making a profit in the beef business, or explaining some of the reasons for the cost of beef to a consumer the next time you get a chance.

The Beef Industry Council of the National Live Stock and Meat Board, Chicago, has compiled information on this subject.

According to the Council, beef is usually produced thousands of miles away and over a 20 to 24 month period—from ranges, to feedlots, to packing plants until the steak or roast is finally cut, wrapped, and ready at the neighborhood food store. In between are countless management decisions resulting in profits, losses, successes, failures, huge investments, and months of hard work.

There are nine months of a cow's room and board until the calf is born, six or seven months with cow and calf on pasture, plus 330 pounds of grain, 70 pounds of protein, and 10,000 pounds of hay, silage, and grass just to grow the calf to 450 pounds.

Then follows another four to six months in the feedlot, 2,200 pounds more of grain, 360 pounds of protein supplement, and 2,300 pounds of hay, silage, and pasture before the steer is feedlot-finished at 1,000 pounds plus, and sold to the packer.

A half-ton steer, on the average, yields a 615-pound carcass. An additional 183 pounds of fat, bones, and waste are lost when the carcass is processed into retail cuts, leaving only an approximate 432 pounds of retail cuts, or less than half the initial weight.

The retail prices charged the consumer must cover the price paid the producer, cost of processing, refrigeration, transportation, rent, taxes, and labor. And in the end, retail stores must price their beef so they sell it all and do not end up with cuts left over that are in less demand.

Of the 432 pounds of saleable beef, a surprisingly small amount is steak and a much larger quantity is roasts as shown in the chart. Retail stores put a higher price on steak and a lower price on pot roasts and ground beef so that they sell it all and do not end up with less-in-demand cuts like pot roasts and short ribs left in the cooler.

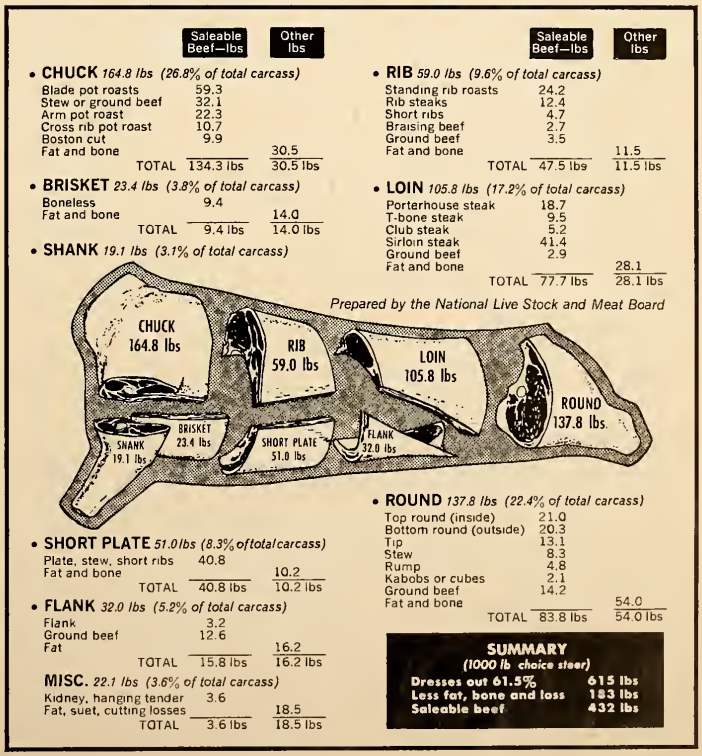
Supply and demand set the price for beef. But unlike most manufactured products, beef prices fluctuate both up and down because supply and demand are constantly changing.

When consumers buy more beef, supplies are used up, and prices tend to rise. Rising beef prices are automatic "signals" to farmers and ranchers to increase beef cattle numbers. But the effect is not immediate because it takes three full years from the time farmers and ranchers decide to increase production until there is more beef at the neighborhood food store.

When consumers buy less, there is no way to stop the beef production line. Farmers and ranchers have to market cattle already on hand when they are ready regardless of price. So the supply continues even though demand falls off, and beef prices drop.

Farmers and ranchers have boosted beef production 2½ times in the last 20 years despite often discouraging cattle prices. But it is better beef because cattlemen are producing four times as much *choice* grade beef as they did then and packers and retailers trim and package it better.

Meanwhile, U.S. beef consumption has more than doubled—up from 56 to 115 pounds per person today and is expected to reach 130 pounds by 1980. Add to this the projected increase in population and the experts predict we will need to double our beef production again by the end of the century.


Saleable Beef—lbs
Other lbs
• CHUCK 164.8 lbs (26.8% of total carcass)
Blade pot roasts 59.3
Stew or ground beef 32.1
Arm pot roast 22.3
Cross rib pot roast 10.7
Boston cut 9.9
Fat and bone 30.5
TOTAL 134.3 lbs 30.5 lbs
• BRISKET 23.4 lbs (3.8% of total carcass)
Boneless 9.4
Fat and bone 14.0
TOTAL 9.4 lbs 14.0 lbs
• SHANK 19.1 lbs (3.1% of total carcass)
• RIB 59.0 lbs (9.6% of total carcass)
Standing rib roasts 24.2
Rib steaks 12.4
Short ribs 4.7
Braising beef 2.7
Ground beef 3.5
Fat and bone 11.5
TOTAL 47.5 lbs 11.5 lbs
• LOIN 105.8 lbs (17.2% of total carcass)
Porterhouse steak 18.7
T-bone steak 9.5
Club steak 5.2
Sirloin steak 41.4
Ground beef 2.9
Fat and bone 28.1
TOTAL 77.7 lbs 28.1 lbs
Prepared by the National Live Stock and Meat Board
CHUCK 164.8 lbs
RIB 59.0 lbs
LOIN 105.8 lbs
ROUND 137.8 lbs.
SHANK 19.1 lbs
BRISKET 23.4 lbs
SHORT PLATE 51.0 lbs
FLANK 32.0 lbs
• SHORT PLATE 51.0 lbs (8.3% of total carcass)
Plate, stew, short ribs 40.8
Fat and bone 10.2
TOTAL 40.8 lbs 10.2 lbs
• FLANK 32.0 lbs (5.2% of total carcass)
Flank 3.2
Ground beef 12.6
Fat 16.2
TOTAL 15.8 lbs 16.2 lbs
MISC. 22.1 lbs (3.6% of total carcass)
Kidney, hanging tender 3.6
Fat, suet, cutting losses 18.5
TOTAL 3.6 lbs 18.5 lbs
• ROUND 137.8 lbs (22.4% of total carcass)
Top round (inside) 21.0
Bottom round (outside) 20.3
Tip 13.1
Stew 8.3
Rump 4.8
Kabobs or cubes 2.1
Ground beef 14.2
Fat and bone 54.0
TOTAL 83.8 lbs 54.0 lbs
SUMMARY
(1000 lb choice steer)
Dresses out 61.5% 615 lbs
Less fat, bone and loss 183 lbs
Saleable beef 432 lbs

A Long Line of Dairying

This dairyman's interest in cattle goes back several generations. And it may be why he is so successful.

By Julia Miller

Bill exhibits his cattle at many top shows. This champion trophy was won at the Nebraska State Fair in 1971.

BILL Underwood, a state Star Farmer from Peoria, Arizona, did not choose a dairy heifer for his first FFA enterprise by accident. Bill, a fourth generation Holstein breeder, has been greatly influenced through the years by his family.

Bill's great grandfather was a Holstein breeder in New York, and his grandfather was recently honored for 50 years of service to the Holstein-Fresian Association. His father, too, owned a Holstein dairy in New York before moving to Arizona in 1963 where he became herdsman for St. John's Brown Swiss Dairy.

As a freshman Bill purchased a purebred heifer for $150. This heifer, Sarival Victor Maggie, is now a 5-year-old cow and is the basis of Bill's current herd. Maggie was judged the number two junior four-year-old cow in the state. She has been classified excellent, and Bill has refused offers of $10,000 for her. Her milking record at four years, five months is 19,630 pounds of milk and 826 pounds of butterfat in 352 days.

Maggie has produced four calves—first a bull and then three heifers—for Bill. One-half interest of the bull was sold to a large dairy. Bill, who is certified to practice artificial insemination, collects the bull's semen and stores it to use on the rest of his black and white herd.

Bill also owns a second excellent cow, C. Glenclare Rita Nellie, which he purchased in Wisconsin for $3,000. Nellie's completed record at six years, ten months is 19,340 pounds of milk and 846 pounds of butterfat in a 365-day lactation.

Bill and his older brother John once worked as partners in the dairy herd. At the time they sold a share of the herd to Mr. St. John, who had faith in the two young dairymen and provided quarters for their cattle. Mr. St. John purchased one-half of the herd while Bill and John held a 25 percent interest in the joint venture under the name B&W Enterprise. Later John chose another career and sold his interest to Bill, giving the expanding dairyman a full partnership.

This spring Bill decided to terminate the partnership arrangement and moved the cattle to another dairy. In this way he was able to begin selling the milk from his cows on the basis of DHIA production records.

Over the years Bill has accumulated a herd of over 45 purebred Holsteins, including almost 30 milk cows and two bulls. Bill presently is employed as a milker and is seeking to purchase his own dairy facilities.

Bill is a member of the Holstein-Fresian Association, the Maricopa County Dairy Herd Improvement Association, and the DHIA 600 Pound Butterfat Club. He is also a recipient of the Arizona Holstein Boy honor.

The dairy farmer has served the Peoria FFA Chapter as treasurer, vice president, and president under the guidance of Advisor Jim Brown. Bill is currently serving as state vice president of the Arizona FFA Association.

Bill graduated a year ago in the top one-third of his high school class. He had an impressive athletic record on football and basketball teams, plus serving as captain of the varsity tennis squad.

In addition to the state Star Farmer award, Bill has earned Star Greenhand and chapter Star Farmer recognition. He has won the state Dairy Production Proficiency award and several firsts in dairy judging.

Every fall, Bill and his parents take some of his Holsteins and some prize St. John Brown Swiss cattle on an extended show circuit. In 1970 he exhibited the grand champion cow and in 1971 the first place senior calf in the junior division of the Arizona State Fair.

In addition to managing his growing dairy herd, Bill is currently studying agriculture business at Glendale Community College. Yet of his future Bill says, "I enjoy many things, but I'm happiest when I'm caring for my cattle. The dairy business is my life work."

Mill On the Move

And the Deals feel it saves farmers money.

Ronald, left, and Merrill are working into the family mobile feed processing business.

FEED processing is big business, and it affords many persons with opportunities for success. For the Deal brothers, Ronald and Merrill of Statesville, North Carolina, it means steady employment in a family operated feed grinding business.

Besides grinding feed, the Deals supply farmers with supplements and offer mixing and rolling services. The operation is somewhat unusual because it is completely "mobile."

"Our mills are simply milling units mounted on truck bodies," explains Ronald. "The units permit us to process grain wherever it is stored and to unload the feed where the farmer desires. We feel we are saving the farmer time and giving him a better deal than he could get at a stationary mill."

The history of the Deal milling business goes back about 13 years when Mr. Deal became operator of a feed unit owned by a local milling firm. Three years later he purchased his own milling equipment and mobile feed processing became family business.

Since the original purchase of the feedmill and supplement truck, a warehouse has been added to the on-the-farm feed processing business.

In 1970 the way was cleared for the purchase of one of the most up-to-date mobile feed units in the South. Their newest unit is equipped with a roller mill as well as hammer mill and has the convenience of automated grain loading for either grinding or rolling.

The Deals also provide a market for buying and selling of local farmers' surplus grain. Through this method they are able to supply farmers with feed year-round.

"We feel that if we are going to be in the feed business we should give our customers the best service possible," emphasizes Mr. Deal. "As long as we are in the business of service, it will be our challenge to satisfy customers."

"The seasons dictate the phase on which I work," says Merrill. "During the school year, I work mostly in the feed warehouse. Here it is my responsibility to assist in loading and unloading of shipped feeds and supplements. I must further assure that we have an adequate supply of feeds at all times.

"Sorting and placement of used bags is another phase of our warehouse work. We must continually have enough bags on hand for refilling and to replace our supplement stock," he adds.

Merrill is presently a senior at North Iredell High School and currently holds the offices of chapter president, federation treasurer, and district secretary. He previously served as chapter secretary and holds the State Farmer degree.

Ronald, on the other hand, can be found on the actual milling routes. It is his responsibility to see that the right proportion of supplement is added to the farmer's home-grown grains in each ton of feed. He has the responsibility of running the machinery and maintaining it.

While in high school Ronald served as a committee chairman, chapter secretary, and district secretary. He holds the State Farmer degree and has applied for his American Farmer degree.

Mr. Deal is the mill operator during the school months, and assists the farmers in determining feed formulas for their animal needs. He is teaching his sons all phases of the business.

Both Ronald and Merrill, members of the North Iredell Chapter at Olin, have received FFA state proficiency awards in Placement in Processing for work in the feed mill business. *(By B. W. Campbell, Advisor)*

Doing Things Big

And her winnings prove it!

Donna made this outfit and wore it in the sheep leading classes.

LAST fall, Donna Bauck received national publicity for her accomplishments with livestock at the Minnesota State Fair.

Donna started off by placing first in the Ladies Lead Class of the open class sheep show. The contest is open to girls between the ages of 14 and 21, and contestants are required to wear garments containing 75 percent wool. Like other contestants Donna led a yearling ewe without using a show stick or touching the animal with her hands. As a result of winning Donna participated in a National Ladies Lead contest at the Chicago International Livestock Show and placed 10th.

Donna, a member of the New York Mills Chapter showed other livestock, too. In fact, she exhibited 38 head including Dorset, Hampshire, Southdown and Columbia sheep, plus hogs. Among her winnings were four reserve champions and eight firsts.

In the state fair FFA livestock judging contest Donna led her chapter team to third place by earning high overall individual judging honors. Because of her accomplishments Donna was featured in write-ups in the *Farmer, Minneapolis Tribune, St. Paul Dispatch,* Associated Press, United Press International, and interviewed on radio.

Donna, one of nine children, lives on a 500-acre dairy, beef, swine, and sheep farm. Donna is a straight A student and a sophomore in vocational agriculture taught by Instructor Deland Porath.

Donna, along with her sister Dayla, a freshman vo-ag student, are making plans for the 1973 show circuit. Between the two they are entering livestock—over 130 head including 80 head of sheep, 50 hogs, and 6 beef cattle—in 24 county fairs, plus the North Dakota and Minnesota State Fairs.

Recently, Donna, among 96 contestants representing 24 chapters, placed 1½ points behind the overall leaders in a regional livestock judging contest. Such participation in contests and everyday work with her livestock will make Donna ready for the next fair.

FFA members attending the marketing school observed the activities of the stockyards.

Marketing agents who specialize in cattle, hogs, or sheep replace the auctioneers in the arena to brief FFA members about buying and selling.

Stockyards Becomes a Classroom

No matter what agribusiness career these members choose this training will be useful. ***By Robert Rice***

ONCE a year Minnesota's largest livestock market becomes the state's largest classroom when some 1,500 FFA members attend the Northwest Livestock Marketing School at the South St. Paul Stockyards.

This year's school, the 35th annual one, drew a record attendance of about 500 students a day for three days last fall from Minnesota, Wisconsin, and Iowa. For many students it was a first-time look at a major central public livestock market. For all of them it was an opportunity to get a first-hand look at how livestock are bought and sold while simultaneously boning-up on livestock evaluation.

In addition to a tour of the stockyards and visits with the market agents and stockyard employees, the high school students also get down to the basics of livestock evaluation through seminars and judging contests held in the market's auction arena.

Order buyers, packer buyers, and market agents who specialize in purchasing or selling particular species of livestock take turns conducting the classes. Cattle, hogs, and sheep—ranging from poor to top quality—are preselected by the instructors for exhibit. After the instructors give oral briefings on evaluation, the students try their own hand at judging additional consignments of livestock. Prize awards are given to the winners.

Many students are involved in livestock production and market their own animals at the stockyards during the school. This gives them and their classmates the opportunity to follow each step involved in a market transaction. The experience takes them from unloading to negotiations between buyer and market agent to receiving a check for payment at the end of the day. While students in a position to do so are encouraged to market livestock during the school, it is not a requirement for attendance.

"We believe all FFA members benefit from the school whether their interests lie in livestock production or some other aspect of agribusiness," says Mr. Paul M. Day, supervisor of the Agricultural Education Program for Minnesota. "It gives them a valuable insight into the marketing, distribution, and processing of livestock products. This knowledge will be useful to them as farmers, as agribusinessmen, or simply as consumers."

While a day at the stockyards may be a new experience for many of the students, it is a familiar annual event for many of the high school instructors who bring classes to the marketing school each year. FFA Advisor Noel Hatle, teacher at Long Prairie High School, for example, brought his twenty-eighth class to the school, and Advisor Vern Richter, agriculture instructor at Watertown, attended with his students for the twenty-second time.

"The stockyards marketing school represents a laboratory experience which just can't be duplicated elsewhere," Advisor Richter says, "and the market men go all out to make it a real learning experience."

The Justin Hall Of Fame

Midnight, Rodeo's all-time great unconquered saddle bronc, began his legendary 14-year career in Rodeo competition in 1919 — the same year the Justin Company celebrated its fortieth birthday.

In 1970 Larry Mahan, a member of Justin's Advisory Board on Boot Styling, became the first man in history to win the World All-Around Cowboy Championship for the fifth consecutive year. He did it wearing Justin boots — then a Western tradition for 91 years.

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"Cutting" into the Meat Business

Many members are preparing for a career in processing. This one became an expert meat cutter.

Handling special orders provides Cliff with plenty of contact with customers.

FIVE years ago Clifford Sexton of Lewisburg, West Virginia, knew nothing about meat cutting. Today his occupational future centers on the retail meat business.

Clifford started his vocational agriculture sales and service program with a supermarket and spent six months pricing and displaying food on the shelves. Then he became an agricultural occupations trainee in the meat department, working an average of 15 hours per week at a rate of $1.60 per hour.

Cliff is now a full-time salaried employee at the supermarket known as Crawford's Foodland. He generally works from 3 p.m. to 9 p.m. during the week and from 12 p.m. to 9 p.m. on Saturdays. As the second meat cutter he manages the meat department alone between 5 and 9 in the evening and on alternate Sundays.

"Since entering vocational agriculture Cliff has been in the sales and service block of instruction," remarks Greenbrier East FFA Advisor Glen McKeever. In total some 50 to 60 students of the 180 member chapter regularly carry various agricultural sales and farm machinery service occupation courses which are offered to juniors and seniors.

As a meat cutter Cliff operates a variety of machines—including the meat saw, poultry cutter, tenderizer, choppers, slicer, grinder, pricing machine, and wrapping equipment. Working alone, Cliff can take a side of beef (chuck, hind quarter, and loin) from sawing to pricing in three hours.

"Technically the most difficult jobs are cutting steaks and boning out a round," says Cliff. "The easiest cut to prepare is the round steak which requires no boning and little trimming."

In addition to cutting beef and poultry Cliff prepares retail cuts of pork. He has learned the importance of a neat display case, plus the courteous handling of special customer orders. He says the most frequent request is a sirloin steak 1½ inches thick. The normal cut for a sirloin is ¾ of an inch.

Cliff, holder of the Chapter Farmer degree, makes hamburger and sausage, too. In addition, when a load of beef carcasses arrive at the supermarket he and other meat cutters hook the sides to facilitate unloading and weighing of the carcasses.

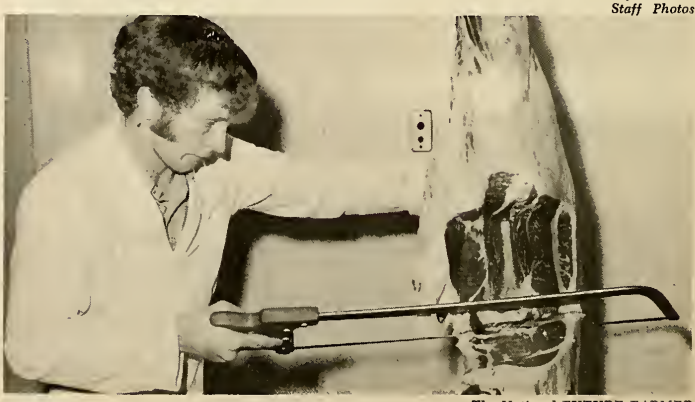
The experienced meat cutter emphasizes the necessity of safety in his work. "It is always important to hold the meat tight," he says, "and the most dangerous machine to operate is the chicken cutter."

"At first we started the training program to help the school," says Mr. Roger A. Boone, co-owner and manager of the supermarket with Mr. Malcolm M. McDaniels. "We are now able to fill a labor need which would otherwise have to be filled with full-time help. We hope to keep the experienced young men as full-time employees, and we are glad Cliff chose to stay with us after graduation."

Cliff uses a pricing machine to weigh and label the various cuts of meat.

Cliff has already cut out the loin and is about to saw this side into quarters.

Staff Photos



Transportation System Overloaded

The Nation's railroads have been taxed beyond capacity by massive grain exports, fertilizer, weather, and . . .

RECORD breaking grain exports have strained the capacities of the U.S. transportation and materials handling system. Many experts agree the grain shipping problem will continue into the summer and cause serious economic effects on farmers.

Exporters moving wheat to Russia had to ship approximately 320 million bushels to qualify for U.S. exports subsidies by May 31. The total Soviet purchase amounts to 19 million metric tons—10.9 million of wheat, 7.0 million of corn, and 1.1 million of soybeans —and is committed for delivery before June 30 of this year. To achieve the objective, weekly grain shipments needed to average 66 million bushels of grain per week. At this writing only about 60 percent of the grain has been shipped and an extension for delivery will be necessary to fulfill the deal.

Adding to current difficulties was the coordinating of transportation from U.S. farms to foreign destinations. First, the lack of shipping arrangements between the U.S. and the USSR held back the movement of grain until the end of 1972 creating a bigger load on rail and gulf port capacities. Secondly, bottlenecks have occurred in dispatching empty rail cars to pick up grain at country elevators and has required intervention by regulatory agencies.

Large national grain supplies—a record 6.6 billion bushels of corn and 1.3 billion bushels of soybeans—added to the handling problem along with the export commitments. Some grain industry officials say the combined projected wheat, corn, and soybean exports of 2.6 billion bushels—up 58 percent from 1969-70 when the last rail car shortage developed—exceeded the capacity of the marketing system.

As a result, according to economist Robert Wisner and transportation specialist C. Phillip Baumel, both of Iowa State, farmers in many areas *had* to store their grain even though they wanted to sell it and thus incurred extra storage costs. Farmers got record soybean prices and above average corn prices *if* they could move their grain.

During the past several months many grain elevators used all of their available capital to buy grain and were unable to obtain additional credit. They could not ship current grain stocks and get their money back because of the rail car shortage. A study by the Iowa Feed & Grain Association and the Iowa Development Commission indicates 40 percent of the state's elevators have reached maximum borrowing capacity.

James S. Krzyminski, assistant general counsel for the National Council of Farmer Cooperatives, reports the lack of rail cars forced one cooperative to secure $25 million in loans on grain stored in country elevators. Furthermore, many elevators were forced to shut down as they could not obtain covered hopper cars normally subleased in the spring for moving fertilizer.

This spring the difference between local elevator and terminal market grain prices ran greater than usual. Since elevators could not move grain on time they may have to pay steep discounts (penalties) to exporters who had to fill their orders by the end of May. A portion of these higher marketing costs were passed on to the farmer.

In addition, declining rail car numbers made the transportation crisis even worse. New high-capacity hopper cars like the ones pictured here are replacing the older boxcars. But the replacement rate has been at a slower pace, and the capacity of the Nation's rail car fleet dropped from 30.8 million to 28.1 million metric tons since 1962.

From mid-February until now the

(Continued on Page 27)

The lack of 100-ton covered hopper cars affects farmers as well as elevators.
Union Pacific Railroad Photo

Mixing Things By Formula

This agribusinessman puts his knowledge of feed processing to use whenever he can. ***By Ron Miller***

AT the age of ten Chris Ruwe went along to work with his father, the manager of a feed mill. The boyhood experiences of this Hooper, Nebraska, youth were the makings of a career in agribusiness.

During the summer and on Saturdays throughout the school year Chris did odd jobs such as cleaning and sweeping for his father and another employee. Gradually he learned to weigh feed and help in other ways at the Rasmussen Feed Lots, Inc., a privately owned firm which also keeps 5,000 cattle on feed year-round.

When Chris entered vocational agriculture taught by Larry Dedic he immediately began an agribusiness occupational program in feed processing. Ever since then he has been averaging about 20 hours on-the-job-training each week (sometimes 40) during the school year and working as many as 60 hours per week in the summer.

Along the way Chris earned the chapter Placement in Processing and Agricultural Electrification awards. But his career intentions became vividly clear to everyone when he received the Star Agriculturist honor for the northeast area of Nebraska and the state Proficiency Placement in Processing award.

After graduation Chris plans to work at the feed mill and raise hogs and crops. "It's easy to keep interest in the feed processing business because of the contact with the customers." explains Chris. "I like talking to them and get many tips about raising hogs from the farmers."

Next year Chris will rent 160 acres from his grandfather who is planning to retire. "The knowledge of feed processing will help me in feeding my own livestock," says Chris, who plans to farrow 18 sows six times a year and annually market over 1,000 hogs.

In dealing with customers, Chris will take orders by telephone as well as in person. He loads bag feed for them before making up the sales ticket and ringing up the sale. He also loads and delivers bulk feed, now about 90 percent of the mill's business.

As an all-around employee Chris is capable of operating all of the milling equipment worth over one-half million dollars. He is experienced in processing formula feeds, operating pelleting machines, bagging feed, storing bagged and bulk feed, plus grinding and chopping hay.

During the week Chris trades off with another man in running the various machines. On Saturday afternoons he operates them alone. Probably his most complicated jobs are grinding and mixing feed (hay and corn rations) and pelleting.

To begin Chris punches the buttons

As Chris sews a bag of processed feed shut he attaches the proper formula card.
Photos by Author

Recording the amount of each ingredient in a mix is one of Chris' duties.

to operate the augers which bring the ingredients to the scale. After recording the weight of all ingredients he mechanically opens the gate which empties into the mixer. He mixes the feed according to a company formula and bags it as a registered "Lazy R" mix, stores it in one of eleven storage bins, or elevates it to a pellet mill.

Chris processes hay by dumping bales in a newly purchased hay buster with a tractor operated bale loader. The buster chops the hay into 1½-inch lengths before it is stored in a sealed storage unit. As needed the ground hay is weighed and pelleted or mixed with other grains and a premix.

Feed to be pelleted is augered to one of two pellet mills at a rate set by the operator. When necessary Chris adjusts the feed rolls against the die and replaces shear pins on the pelleting machines. He handles other maintenance duties such as greasing mill machinery and adjusting the bag sewing machine.

"In operating the mill one of the most important jobs is to record the ingredients correctly and make sure the ration coincides with the formula book." Chris points out. "In total we mix and sell about 60 formulas of feed here at the mill." Chris knows how to prepare about 25 rations each for hogs and beef cattle, 4 dairy formulas, and 10 for sheep.

"In the feed processing business Chris has been able to exercise his abilities of management as well as technical skills," says Advisor Duane Lienemann, his current vo-ag instructor. "He also used this ability in serving as treasurer and in helping to enlarge our chapter from 42 to 113 members."

Through the leadership of Advisor Lienemann, Chris like other members of the Logan View Chapter have become important to the Hooper community in other ways. Chris has helped manage several chapter community activities and is currently serving as president of his church youth group.

Transportation System Overloaded

(Continued from Page 25)

fertilizer industry has been competing with the grain trade for hopper cars. This caused additional coordination problems at country elevators, say Midwest extension specialists.

According to representatives of The Fertilizer Institute the volume of spring fertilizer requests rose abnormally as farmers who regularly buy fertilizer in the fall could not get on the land due to heavy fall rains. With farmers buying more in the spring the fertilizer industry had difficulty in shipping its products, especially phosphates from Florida to the Midwest.

One elevator operator in North Dakota recently explained, "We can't get enough fertilizer to meet the needs of our farmers. Some may have to plant without it and maybe spread it later."

Edwin Wheeler, president of The Fertilizer Institute predicts, "U.S. farmers will use 46 million tons of fertilizer this year if the fertilizer industry can get the rail cars to ship fertilizer to the farm. This would mean an 8 percent increase over the 42 million tons used a year earlier."

To speed up the flow of cars the Interstate Commerce Commission issued a directive for prompt pickup, unloading, and forwarding of all freight cars. The order assessed the shipper storage charges for holding empty cars too long. The move helped as in the past but not enough to remove congestion at ports such as Houston.

To illustrate, Union Equity Cooperative Exchange at Enid, Oklahoma, a member of the National Federation of Grain Cooperatives, is a primary source of grain for Houston and has sold 50 million bushels of wheat. Gerald Frazier, manager of the four-elevator cooperative, makes this comment. "We get the same number of cars as two smaller elevators and are operating at 50 percent capacity. The reason we can't get a sufficient number of cars is because of the poor car distribution system."

Opening the Great Lakes in April resulted in an improved utilization of boxcars as the shorter distance reduced turn around time. The opening of barge traffic on the Mississippi was also expected to ease the pressure on the rail system. But spring flooding severely limited barge shipments besides damaging many railroad track beds.

Officials of FS Services. a Midwest based cooperative, foresee that summer may give the railroads time to secure delivery on cars now under construction. By the time winter rolls around again, continued high export levels could meet with noticeable improvement in rail transportation.

However, recent government decisions to sell CCC corn and cancel resale loans will contribute to congestion at country elevators into the summer and possibly early fall. If current prices hold, approximately 640 million bushels of old crop corn—about equal to the total amount of corn exported in a normal year—will enter marketing channels by June and July.

In early spring Senate Bill 1149 was introduced which would establish a federal loan guarantee on borrowed funds for rail equipment. The bill, still pending, requires the railroads to solve the rail car problem within two years or a National Rolling Stock Information System established by the Secretary of Transportation will do it.

Many of those testifying for passage of the bill noted that, not only have last year's crops not been moved to market, but this year's crop yields are in jeopardy because of a car shortage during spring planting. No longer do they believe freight car transportation to be a seasonal problem. In fact, the Department of Transportation expects a one-third increase in rail freight between now and 1980.

As a whole, the railroad industry has increased its output by 120 percent since the beginning of the year. Several railroads have even put together special grain trains of high capacity cars to reduce turn around time.

"Union Pacific has moved over two times as much wheat and 45 percent more corn and other grains since January than it did a year ago," says Jack Bowen, general superintendent of transportation for the railroad company. "UP has invested over $90 million to expand their fleet capacity by 72 percent since 1968 and invested in a computerized car distribution system."

Union Pacific reports they will put 600 newly delivered "jumbo" cars into service by July. The Burlington-Northern will have 1,000 more and the Chicago & Northwestern will also add 500 new hopper cars for hauling grain by that time. Santa Fe Railway, likewise purchasing new cars, has a fleet of over 10,000 covered, 100-ton hopper cars. In total, according to Carrol Brunthaver, Assistant Secretary of Agriculture for Commodity and International Affairs, 7,000 hopper cars are due for delivery on July 1.

Yet the grain transportation problem will be compounded again as the winter wheat harvest will begin in June. With the increase in planted acreage and assuming the weather holds out there will be a bumper crop.

Rising demand, the rail car shortage, plus dock, rail, and air strikes combine to make the transportation of agriculture products one of the American farmer's biggest problems.

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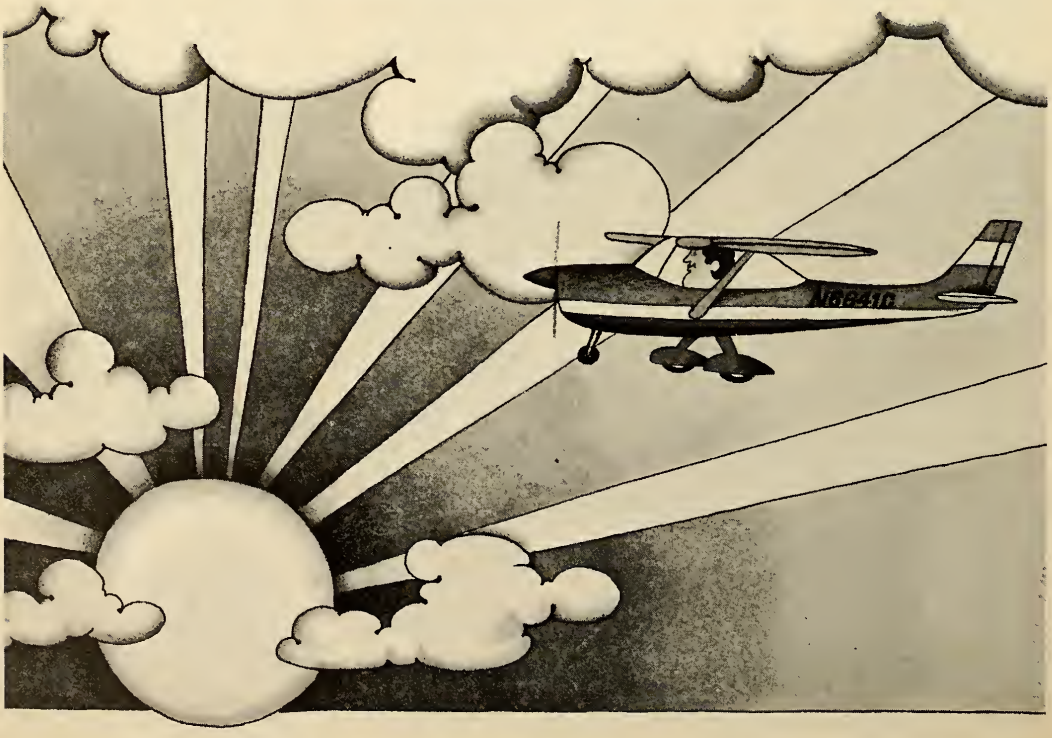

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University of Wyoming, Box 3005, University Station, Laramie 82070

A Show for Their Towns

(Continued from Page 18)

year we had 72 entries with about 50 turkeys from Boonesboro alone."

One of the most exciting events of the show is selecting the FFA chapter sweetheart. Over 1,000 people attend the ceremonies just prior to the Sweetheart Ball. The FFA sweetheart further serves the community as Farm Queen in the coming year.

On the second evening of the show the community chorus, high school band, or other group presents a concert. Prior to the concert local citizens enjoy a roast turkey supper with all the trimmings in the high school cafeteria.

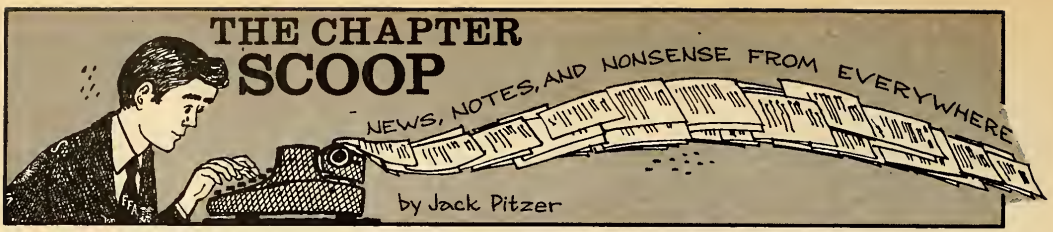
For fun FFA members conduct a yearly pet show featuring such classes as the dog with the shortest tail, pet with the most spots, the largest and smallest pets, and the most colorful cat. Pie eating and greased pig contests for all youth provide still more entertainment. A bike rodeo, designed to test riding skills, is held to promote safety among children.

"The thing that impresses me the most is the way the FFA members pitch in," remarks Advisor Dave Simpson, who also works with the Catoctin vocational agriculture program. "They set up the exhibit areas, check in the exhibits, and record the results as the judges place the classes."

Advisor Baker adds, "The members' dedication to their community even extends into the summer. They sell advertisements for the program booklet, review exhibit regulations, and revise the class listings."

Attend the show just once and you'll realize its importance to this community.

Department chairmen checked occasionally with Advisor Baker about entries.



Sunday dinner is a money maker for Early County High in *Blakely*, Georgia. They fix a fine meal and sell advance tickets. Townspeople have gotten used to eating Sunday dinner out.

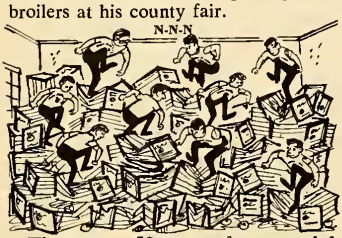
N-N-N

The officer selection committee of seniors interviewed prospective officers in front of chapter at *Macon*, Missouri.

N-N-N

Owen Matherne of *Fort Bend*, Texas, FFA exhibited the champion pen of broilers at his county fair.

N-N-N



There were 50 cases of oranges left after the *Paulding*, Ohio, FFA delivered to their customers. So they squeezed them for the pancake supper.

N-N-N

Steve Courtright was top FFA poultry judge in Illinois competition. Also led *Fairfield* team to the first spot.

N-N-N

Sutton, Nebraska, has a pig barbecue for their annual banquet. State president and secretary were guest speakers.

N-N-N

At *Bowling Green*, Ohio, FFA banquet employers of work experience students were recognized.

N-N-N

Morton, Mississippi, provides picture frame service for hire.

N-N-N

Section, Alabama, worked to get a strip of highway which passes their school declared a school zone.

N-N-N

Newark, Delaware, members sold Easter lilies in their community.

N-N-N

South Dakota State University Collegiate Chapter sponsors an ag college coffee hour during FFA WEEK.

N-N-N

Westwood FFA of *Mesa*, Arizona, captured two state FFA judging contests. Horticulture and ag mechanics.

N-N-N

An ice storm damaged timber in *Cumberland*, Mississippi, demonstration plot. So members got a crew out to salvage and clear up.

N-N-N

Gallup, New Mexico, sponsored a drawing for a buffalo. Alive or wrapped.

Dennis Rainey was chosen by his fellow members at *Henrietta*, Texas, to go to the National Conference on Rural Health in Dallas and accept the award given to a chapter for safety efforts.

N-N-N

Parents club of *Edmond*, Oklahoma, had their own show. Used sons' animals.

N-N-N

Buffalo, Wyoming, hosted seventeen 30-minute radio programs sponsored by a local rancher. Shows promoted FFA.

N-N-N

Members of *Carrizozo*, New Mexico, Chapter performed Greenhand degree, installation of officers, opening and closing ceremonies, for *Corona*, New Mexico, FFA charter night. Just 24 hours after they had been chartered.

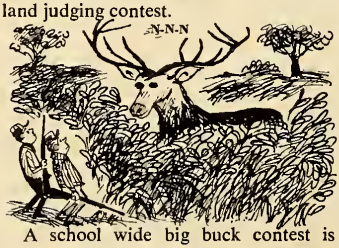
N-N-N

Hanging baskets are sales specialty of *Fayetteville*, Georgia, members.

N-N-N

Thomas, Oklahoma, FFA and their alumni affiliate sponsored an alumni land judging contest.

N-N-N



A school wide big buck contest is sponsored by *Greenville*, Michigan.

N-N-N

Since *West Valley*, Washington, school doesn't have a lunch program, FFA sells hamburgers and ham sandwiches on Tuesdays.

N-N-N

George Pasley of *Linganore*, Maryland, Chapter served as a student page in the state General Assembly.

N-N-N

Owen Valley, Indiana, is a voting member of the Chamber of Commerce.

N-N-N

Tooele, Utah, donated $1,000 to local hospital for equipment. Marked as part of their BOAC efforts.

N-N-N

A cow owned by **Steve** and **Randy Melzer** was frightened during a cow milking contest at *New Ulm*, Minnesota. The German band that scared her entertained the crew cleaning up the mess.

N-N-N

Attalla, Alabama, FFA made an unused classroom in their school into offices for principal and assistant. Includes waiting room and conference area.

Star Greenhands of *Brownstown* Vo-Tech in Pennsylvania, are **Al Lutz** and **John Frantz.**

N-N-N

A chorus of *Elgin*, Oklahoma, members sang on FFA school assembly during FFA WEEK. Sang "Hail To The FFA" in a dramatization of Creed.

N-N-N

Thomas Rowley, *Bowling Green*, Virginia, president of the junior high chapter, planted 5,000 loblolly pines on Civil War battlefields.

N-N-N

A large contingent of parents of *Absarokee*, Montana, FFA'ers attended the state convention.

N-N-N

Spring is a good time for work projects and chapter work-a-day-for-a-price auctions are popular. *East Noble*, Indiana, auctioned their members, including $15.00 for Advisor Don Monesmith.

N-N-N

Malta, Montana, raised $750 selling 30 members.

N-N-N

Cordell, Oklahoma, "sold" member **Roger Williams** for $115 and sweetheart for $102.50 during the annual work sale of their 32 members.

N-N-N

The girl's volleyball team of *Oregon*, Wisconsin, FFA are league champs. Over Middleton, Ft. Atkinson, and Stoughton.

N-N-N

A regular news source is reporter **Lynn Thomsen** of *Hood River Valley*, Oregon, Chapter.

N-N-N

Grundy Center, Iowa, held a nail driving contest between members. **Chuck Mooty** was top driver.

N-N-N

Reporter **Arlie Conley** of *Salyersville*, Kentucky, reports parliamentary procedure demonstration by his chapter for local civic club.

N-N-N

John Boyd of *Modesto*, California, Chapter is faithful "Scoop" reporter.

N-N-N

Keep the "Scoop" coming in. Every chapter's news item is considered.

It's time you brightened up the scene

This spring The GUYS are out to protect you from total obscurity with bold new colors and patterns. They're designed to call attention to you. Perched on the porch (left to right) tattersall doubleknit flares, rusty denim bells, a selection of bags in seersucker, ribless corduroy and nubby linen. Above left, Madras plaid bellbottoms, brushed denim super bells and jacket. Above right, The GUYS flared doubleknit seersucker stripe grooves to girl with pretty legs. (We're for those, too.) Make your scene in color...with the bright new look of The GUYS.

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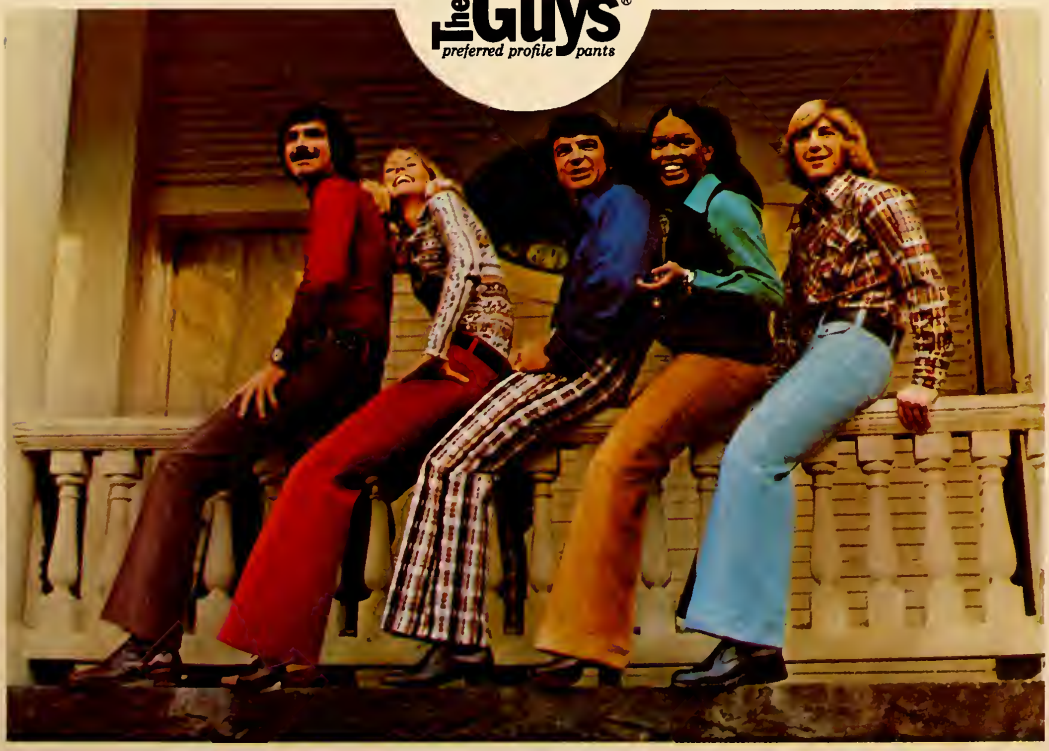

Don't give in to spending!

Learn to be financially responsible! Pointers in this article can help you.

Opening a savings account at a bank will help you consider savings as a regular expense item of your budget.

DO you oftentimes find yourself short of money to make those car repairs? Are you constantly needing more "date" money? These minor annoyances can indicate serious financial responsibility.

By placing yourself on a budget based on a weekly or monthly amount (rather than haphazard spending) you will be helping yourself in the short run and teaching yourself a valuable long-term lesson.

The first step, say experts at the National Consumer Finance Association, is to establish a budget. Draw up a list of your weekly expenditures, thinking of it as a lesson in life rather than resenting it.

It would be a good idea to discuss each item with your dad and mom to see if all your expenses are necessary. By limiting "incidental expenses" to just enough for a weekend show or new record or magazine—and holding the line firmly—you will learn to keep a careful watch on your cash while allowing yourself some latitude and choice. However, be sure to allow adequate money for lunches, school supplies, and church donations.

A firm policy on a budget saves wear and tear on your wallet. When you have a "crisis" and need more money than you have, try not to succumb to "doe-eyed dreams."

Make sure you know some sure-fire methods of earning extra income to build up emergency funds. It doesn't have to be a 9 to 5 job—maybe just little chores. Lawn mowing, building fence, or helping a neighbor are some good examples of part-time work.

Encouraging yourself to save is another way of gaining financial responsibility. Get a far-sighted lesson in banks and interest, and open a savings account in your name. Eventually the account can be used for college or as a down payment on a farm or business. However, don't save all your money. Financial experts say you should practice conscientious spending as well.

A third way for you to conquer a "crisis" is credit, but set up a plan for paying all your debts on time. Perhaps you can obtain a small loan from your father—and pay it back by deducting an amount from your regular budget. This will teach you how to establish credit, a must for *self-reliability*. Learning about credit on a small scale will show you how you can have what you need when you need it by paying for it as you use it.

Loans, savings accounts, and "moonlighting" won't teach you much if you don't learn *how* to use your money. The limits you place on your budget can help you but you need to provide additional guidelines when shopping. Guard against making foolish expenditures just because you've earned and saved some extra money.

Responsible financial freedom requires that you look at your mistakes as an important lesson for the future. If you still have "insufficient funds" even after you've budgeted, seek guidance from your parents about excessive spending.

Remember, learning how to use money depends upon how *you* practice it. Don't be excessive—but also don't be afraid of the benefits of good money management.

The point that can't be stressed enough is *don't give in.* About the only time you should break a budget is when you can add to your savings account for college, a farm, or other investment. With good judgment you will soon know responsibility has its rewards and be able to "cash in" later on the fun of being financially responsible.

Forum Accents Year

THE first Angus arrived in the U.S. at George Grant's Victoria, Kansas, ranch from Scotland on May 17, 1873. On that date of this year a special 100th Anniversary Celebration will be held there to commemorate the event. Breeders from throughout the world are expected to attend.

Among other special events scheduled at the Grant Ranch, a declared National Historic Site, will be a historic pageant and a brief tour of the ranch property.

Throughout the year other activities will promote the breed's celebration across the nation. The most important will be the World Angus Forum set for October 1-4, in Kansas City, Missouri. Four shows will be features of the forum. They are: 1) Centennial Angus Bull Show; 2) Angus Feeder Show; 3) Centenary Sire Progeny Steer and Steak Contest; 4) 5th National Junior Angus Heifer Show.

Immediately following the Forum, on October 5-9, will be the 100th Anniversary Angus Tour. The tour will start at the American Angus Association headquarters, include visits of herds in Kansas and Oklahoma, and end at the National Cowboy Hall of Fame in Oklahoma City.

In June a time capsule will be buried in front of the American Angus headquarters and marked with a limestone fence post from the Grant property. The variety of historical documents and pictures are to be opened in 2073. More information about these events and other special Angus shows are available from the American Angus Association, 3201 Frederick Blvd., St. Joseph, Missouri 64501.

Summer Fun

Caravan to Canada

In a novel way these FFA members mix outdoor recreation with learning experiences.

EACH summer members of the Waynesfield Goshen Chapter at Waynesfield, Ohio, take a trip.

Early in the spring a chapter committee plans the summer trip. This committee makes reservations, plans the route, and decides which places the members will see. They also figure the cost which ran around $45.00 per member last summer.

The trip is made via a car caravan. Driving is handled by graduate FFA members or parents and each car is equipped with a citizen's band radio. Contact by radio not only comes in handy in case of trouble but allows the passing of information to members as we tour through an area of interest. The radios make the trip more exciting and questions can be asked on the spot. The equipment includes walkie-talkies which are also used in camp or on the lake to communicate from boat to boat or from boat to shore.

Last summer the chapter toured the North Bay area of Ontario, Canada. Everyone came back with fun in their hearts and some learning in their heads.

Since Waynesfield is located on the Fort Wayne Moraine, the FFA members are not used to seeing the different types of terrain they pass through during the trip. The members are quite interested in the soil history and the type of crops growing in various areas. Therefore, the annual trip includes many different types of agricultural learning experiences.

As an example, we first passed through the old Lake Erie bottom soil in northwest Ohio where the soil is dark and flat. Crops grown include corn, beans, sugar beets, sorghum, tomatoes and other vegetable crops.

Traveling through the big city areas, members see industry in action with all the accompanying smell and pollution. The usual statement is "I sure wouldn't want to live there."

Finally crossing into Canada and traveling east toward Toronto, some members are surprised to see good farmland growing tobacco, corn, soybeans, and other grain crops. The land there is somewhat rolling with deep soils similar to those in northern Ohio.

After another 200 miles our car caravan drops into a valley where one of the most beautiful cities in North America (in the author's opinion) is located. The modern, growing city of Toronto lies for miles in front of you with its highways, large factories, and high-rise complexes. The city is so different, and the members were really amazed that industry can look beautiful. The buildings are landscaped with trees, grass, and shrubs of many kinds. Air pollution seems to be no problem and the streams under the highways still run clear.

Turning north at Toronto the trip took us into totally different scenery. The terrain changes to large rolling hills covered with trees and dairy farms before coming upon one of the most productive vegetable farming valleys in Canada. The valley was a large swamp area about three miles wide and many miles long. The land was purchased for a nickel an acre and drained by two large drainage ditches on the north and south edges.

After we passed through the valley we entered the green water area of Lake Simcoe with its tree covered banks and large forests. About 150 miles north of Toronto the terrain turns to granite rock and black water. Except for highways, forestry roads, and tourist resorts the Natural Resources Department of Ontario has kept this area for parks, fishing, and restricted timber harvesting.

"Obviously, not all fishermen *are created equal!"*

As we entered the North Bay area the members' excitement about fishing, boating, swimming, and water skiing mounted. The fever for catching a 20 to 25 pound great northern pike or a six to seven pound black bass gives way only to skiing on water you can drink straight from the lake. The FFA members also visited forest ranger stations, fire trails, and complex dam systems for flood control and water travel across Canada.

As a note of interest Canada has a grant system that helps high school students travel through the country to learn about its history. One of the most traveled water systems in Canada is located on the Mattawa River just east of North Bay where we camped.

After a week in the lake area we headed home. Our trip was capped off with a tour through Niagra Falls where we rode across the whirlpool and listened to the rapids below the Falls. *(By Buddy Feeser, Advisor)*

Let's Go Camping

Have you ever gone on an unplanned outing? If you have you probably wouldn't do it again and if you haven't you should read on so you won't.

By Russell Tinsley

IT sounds ridiculously easy: get some chapter members and head to a nearby lake or stream for the weekend and "rough it." "We'll meet at Joe's place Friday afternoon and everyone bring what stuff he needs."

No fuss, no bother, no worry.

So maybe Joe agrees to take his father's pickup. At the rendezvous time, there is a lot of paraphernalia scattered about. It all gets tossed helter-skelter into the pickup bed and already you are faced with an unholy mess.

Camp is being set up . . . nightfall is approaching. "Where's the lantern?"

"I thought *you* brought a lantern."

"Well, a flashlight will help. Who's got a flashlight? *No* flashlight!"

A campfire is built to provide some illumination. Grocery stocks are spread to prepare supper. Plenty of bread, several cans of beans, but did anyone think to bring salt and pepper? Where is the can opener?

Ah, a typical unplanned campout. The discomforts and inconveniences are taken in stride. Come Monday and everyone brags about the "fun" he had. But secretly, many are glad the ordeal is over.

A master list kept by the equipment manager cuts down on inconveniences

Photo by Author

It doesn't have to be that way, of course. A few minutes of preparation will assure a really fun camping trip. Someone once asked me what was the single most important piece of camping equipment I owned, and I surprised him by saying "a pencil."

With this instrument I can write down everything I need, then check the list to be sure all items are packed. This list serves a twofold purpose: not only do I have what I need, but no excess baggage is packed—stuff that just gets in the way and complicates things.

Okay, let us suppose that eight fellows are planning a weekend campout. The first order of business is to hold a group meeting and prepare a *master list* of what is required: a shelter of some type, probably a tent; a cook stove and fuel; lantern; cooking and eating utensils; a container to carry drinking water . . . and so forth.

Now for each person a *personal list*: a sleeping bag; air mattress; extra clothing; fishing equipment; and whatever else suits the occasion.

Finally a *grocery list.*

Determine who has what and assign each participant something to bring. This avoids duplication. One person should be appointed equipment manager. His job is to write down everything that is needed and which person will supply each item.

Another person is to purchase the groceries (the cost to be divided equally). Plan a rough menu of what will be served at every meal. Most people buy too many groceries rather than too few, but who wants to go hungry?

When miscellaneous gear is gathered, the equipment manager should "check off" each item before it goes into the vehicle. This takes some time but once the group is miles from civilization, it is disconcerting to discover that no one thought to bring matches.

Once the group arrives at its home-away-from-home, immediately prepare camp. The temptation is to wait until later. The group scatters and when camp-setting-up time arrives, only two or three people are present to erect the tents, gather campfire wood, and get everything ship-shape. If everyone pitches in upon arrival, camp will be ready within minutes and the trip will be off to a good start.

A campout is for pleasure, but I've been on enough trips to know that two or three gullible people will get saddled with camp chores, and the rest of the group goes its merry way. Without some organization, meals can be now-and-then events with everyone eating on the run or meals drawn out for long periods of time. Draw a makeshift schedule as to when every meal will be served. This way each person will know when he should be in camp.

Everyone should have an assigned chore. These can be rotated, say, with one person assigned to cook breakfast, another to prepare lunch, and one to get supper. One or two campers should be in charge of doing the dishes. Others should "police up" the campsite and keep the equipment in order. Perhaps there will even be an official "wood gatherer" to keep the fire going.

If everyone joins in and does his fair share, the entire group will have more leisure time to enjoy fun activities like fishing, rock hunting, or whatever.

And when you are ready to head home, double check and be positive you depart a clean and tidy campsite. Carry litter with you and drop it in the garbage can. You can burn paper, all right, but if anything is buried, a wild animal is apt to dig it up and scatter the mess. Spread campfire ashes and kill every ember.

There is a certain pride in leaving a spic-and-span campsite. Sort of puts the "frosting on the cake." Now you can go home and tell friends about the trip. Above all, you can say you had "fun" and really mean it!

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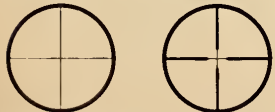

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Summer Fun

"Pull!"... BOOM

There's a skeet shoot being put on by the gun club.

Members line up for shooting with unloaded guns after a safety discussion.

Members take turns working the trap during chapter and community shoots.

MOST of the members of the Pine Grove, Mississippi, FFA are interested in hunting. So they formed a gun club to promote recreational and educational activities among members.

The club was organized at the request of the majority of the members at a regular FFA meeting. The primary aim of the club is to promote hunting safety and recreation for its members. The local FFA officers make up the executive committee of the gun club. No dues are charged. The FFA gun club holds its meetings at regular intervals during the year.

At one meeting the FFA members elected to purchase a skeet trap with chapter funds to provide an opportunity for each member to use safety practices. The skeet trap cost $100.

The gun club proposed a community skeet shoot to earn money for the chapter. Hams and turkeys were purchased for prizes.

The rules require that 12 persons paying $1.00 each and furnishing their own shells make up a round. Each participant begins by shooting at one skeet. If he misses the skeet, he eliminates himself. If he hits the skeet, he enters the next round where he shoots at two skeets. If he misses either, he is eliminated. This process continues, adding one more skeet each round, until all but one man is eliminated, who wins the prize.

On the average our chapter makes about $6.00 per turkey and about 20 turkeys are given away at each skeet shoot. *(J. C. Prather, Advisor)*

Summer Fun

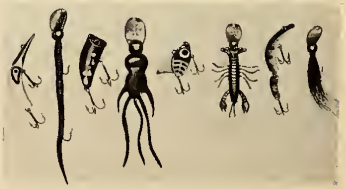
Gear for Outdoors

Items like these can make your summer more enjoyable.

Grumman Boats of Marathon, New York, markets 15 double-end canoes, ranging from 13-(shown) to 20-foot in length.

The Alpine design tent by the Wenzel Company, St. Louis, Missouri, comes in two, three, and four people sizes.

The Lazy Ike Corp., Fort Dodge, Iowa, offers a new selection of metallic finished artificial lures in addition to the blood-base catfish bait of old.



The Model 37A shotgun, a break-open type with automatic ejection, was introduced by Winchester-Western of Olin Corp., New Haven, Connecticut. It is available in 12 through 410 guages.

Whitney students learn how to design and build boats in agriculture shop.

Recreation Is No Game

To these students it's an occupation.

FOR two years now a pre-employment laboratory has been operated successfully for vocational agriculture students in Whitney High School. The new program was developed to train students for jobs in the resort area around Lake Whitney and concentrates on natural resources careers.

The Whitney community, like many others in Texas, has a variety of agricultural activities going on at an ever increasing rate each year. However, it was found that much of the agriculture land was giving way to developments and recreational facilities. Thus, many job opportunities were becoming available in the area, as well as other areas of the state.

With this information in mind Whitney FFA advisors and school administrators developed a pre-employment lab in vocational agriculture for students interested in the recreation fields. It was found that jobs in this field required much the same instruction as many of the other agribusiness fields. That is, managing the land, water, and people is just another phase of managing our agriculture resources.

Several meetings were held with personnel from the Recreation and Parks Department at Texas A&M University. During these meetings the subject areas of the pre-lab program were developed.

Resource personnel near Whitney were then asked to help develop teaching plans in the following areas: state and federal park management; turf management for parks and recreational areas; wildlife and fish management; lake resort operation; real estate management and sales; swimming pool management; boat and motor maintenance and sales; design and layout of camping trailers; and conservation of recreational and historical sites.

After this program was approved by the Texas Education Agency, a one-year pilot pre-lab training program was set up. During the first year of operation 45 to 50 resource personnel—including game wardens, biologists, resort managers, and others—were used in training the students. The class was limited to eight students so it would be small and easy to move around. Most of the class time was spent outside the classroom on the training sites.

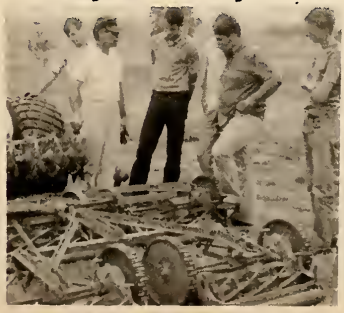
Of this class, two students are enrolled in field biology and two graduates are studying recreation and parks in college. Two other FFA members have received additional training in outboard motor training and are now working in repair shops.

Whitney vocational agriculture instructors take advantage of summer agriculture resources shorteourses offered by the Recreation and Parks Department of Texas A&M. As a result they have been able to somewhat reduce the number of guest speakers.

The main objective of this pre-lab is to show students job opportunities in the agriculture resources field. Information and training is given them so they may be employed immediately after high school or go on to post secondary schools to continue studies.

Because of the pilot program at Whitney, four other schools in Texas are now offering FFA members a similar program this school year. *(By Jimmy Box, Advisor)*

The natural resource students studied turf management at local golf courses.



hunting hints

Most hunters know that three evenly-spaced shots are a call for help from another hunter. But what you may not know is that this signal calls for an answer. Firing two shots immediately after you have heard the distress signal means that you have heard it, and that help is coming. By answering his call, you can snap a lost or injured hunter out of the panic he may feel, and encourage him to stay where he is until help arrives.

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The FFA Alumni provides a way to

Keep the Door Open

Today many FFA members are finding a way to fortify their FFA ties through membership in the FFA Alumni Association.

FAR too long the FFA has graduated its members and once they left high school it was the end of the line for their FFA membership. Now through the FFA Alumni Association, you can stay involved with the FFA.

Throughout the country thousands of FFA members are doing just that—keeping their ties to FFA by becoming involved in the new FFA Alumni Association. Graduating seniors can take the lead by organizing the FFA alumni affiliate in their community. It only takes ten members to charter an affiliate. Then in future years FFA members in your community can step directly into FFA alumni membership from the FFA.

Within a year of the organizational meeting on May 12, 1972, 40 states have chartered a state FFA Alumni Association and others are in the process of chartering. Many states are holding their first annual FFA alumni meeting in 1973.

What Local Affiliates Are Doing

The following activities conducted by FFA alumni affiliates were selected to provide a wide variety of ideas which you may be able to use in your own community.

AGRICULTURAL CAREER DAY—Coordinate "Agricultural Career Days" for FFA members. FFA members learn a lot about careers, the community learns a lot about the FFA, and the alumni members learn a lot about both.

PROJECT COMPETITION—A project competition contest whereby alumni members visit each FFA member's project, review his records, ask questions, then hold a pot luck dinner and present trophies and certificates.

CHAPTER FUND RAISING—FFA alumni members support money making activities conducted by the FFA chapter and some alumni affiliates become actively involved in FFA fund raising.

BIG BROTHERS—Alumni members are "Big Brothers" to freshman students. Each helps his little brother with his project, including selecting, budgeting, housing, transportation, and in becoming involved in FFA activities. One idea is to match the student's career interest to an FFA alumni member in that career area.

PUBLIC RELATIONS—Nearly all FFA alumni affiliates place public relations for FFA and vocational agriculture high on the priority list. By being informed, alumni members give strength to the local program through their influence in the community.

TRAINING JUDGING TEAMS—Many FFA alumni affiliates assist in training judging teams. They help by providing practice facilities and training individual team members.

LOCAL JUDGING CONTESTS—A popular activity of local affiliates is conducting local judging contests for FFA members. Alumni members have the facilities and resources to be most effective in this area.

SHOP PROJECTS—To provide shop projects for students who need them, FFA alumni members make lists of items needed by students. Then a student needing a project chooses an item and visits the FFA alumni member who supplies the needed project material.

CHAPERONES—FFA alumni members are a ready source for chaperones at FFA chapter activities. Some FFA chapters make lists of upcoming activities and the FFA alumni affiliate provides the needed chaperones.

SPONSORS AWARDS—Many FFA alumni affiliates are active in providing incentive awards to encourage participation and excellence in FFA activities.

JOB PLACEMENT—FFA alumni affiliates have been very successful in helping to find job placement for those FFA members who choose occupational placement.

TRANSPORTATION—Many FFA alumni affiliates provide transportation for FFA members to state and national FFA conventions, FFA contests, state fairs, field days, and other worthy activities. Some alumni members also help in hauling projects for members and in transporting exhibits.

CHAPTER FARMS—FFA alumni affiliates are active in helping to secure FFA farms or in helping some chapters with their farms by providing equipment and other needed assistance.

PROJECT SEARCH—Alumni members are active in securing livestock projects for FFA members.

ADVISORY COUNCILS—In some chapters the FFA alumni council officers serve as members of the chapter advisory council.

RESOURCE BANK—FFA alumni members act as resource people by providing their expertise for classroom presentations and demonstrations.

SUBSTITUTE TEACHING—FFA alumni affiliates call upon alumni members to substitute teach for the vocational agriculture teacher when he is away.

COMMUNITY DEVELOPMENT—A number of local alumni affiliates were formed to assist the FFA chapter in participating in the Building Our American Communities program.

LEADERSHIP CONFERENCE—Numerous FFA alumni affiliates have conducted activities to send the chapter president or another member to the National FFA Leadership Conference in Washington, D.C.

One of the major needs of the organization at the present time is to build membership. An all-out membership thrust called Operation Teamwork is underway to help the association grow in numbers, in strength, and in effectiveness in 1973. FFA members in every community are being asked to "Give a Day to FFA" to help sign up new FFA alumni members and to help charter an alumni affiliate.

To provide the proper recognition for the real leaders who build the FFA Alumni Association, a "Legion of Merit" citation will be presented to all members who sign up ten or more new alumni members.

One plan to provide incentive to the states rebates $1.00 per FFA alumni member to a state each year its alumni membership equals or exceeds its active FFA membership. This plan was selected because it provides the same ratio (1 to 1) regardless of the size of the state membership or potential.

An FFA alumni affiliate can be chartered on a school, county, or other area basis. There are three steps to charter: (1) Have a designated chairman; (2) Have purposes in harmony with the FFA Alumni Association; and (3) Have at least ten dues-paying members.

Annual membership dues are for a 12-month period. This procedure of distributing the billing process and work load throughout the year is followed to improve services to members while not discouraging members from joining late in the year. So you can join now and be an active member for a full year. National dues are $4.00 a year or a lifetime membership costs $100. Some states add state dues. Membership renewals are showing a change to Life Membership. One of every 20 membership renewals is for Life Membership.

To put your FFA alumni affiliate into action, the following areas are suggested for planning your program of activities: 1. Chapter activities; 2. Public relations; 3. Community service; 4. School board communications; 5. State and national support; and 6. Chapter advisory council.

For information on how to join, form an affiliate, or other questions about the FFA alumni write to the FFA Alumni Association, P.O. Box 15058, Alexandria, Virginia 22309.

Periodic mowings keep the much used recreational grounds in good shape.

Once a "Mess," Now a Park

But the members of this chapter did not stop there. They are still making improvements.

By Willard and Elma Waltner

THE city of Viborg, South Dakota, owns a plot of shore front property at Swan Lake, a few miles from the city. Terril Sorensen, former president of the Viborg FFA, first came up with the idea of making it into a park when the chapter was deciding on a "Building Our American Communities" project.

"The members thought it looked like a mess, nothing but a junk pile. They decided to turn it into a recreational area," Advisor Sherman Hanssen, their vo-ag teacher explains. "Viborg has only one small park and there was none at the lake, so it was really needed. The Viborg City Council agreed to let the chapter have the use of the land. They further provided funds to help pay for materials needed, and the members went to work."

Over 50 chapter members put in more than 400 man-hours of hard, hand labor. They cleared 4,500 square feet of brush, mowed approximately 80,000 square feet of park grounds several times during the season, hauled approximately 30 truckloads of brush, trees, and junk to the city dump. They constructed six picnic tables, put in a scenic post fence, seeded grass and flowers, made three barbecue pits, and set out five trash barrels. In addition, the members repaired and set up two swing sets, a see-saw, two outhouses, pruned trees, and did some painting.

Some of the members' parents got into the act, too. One dad brought out his backhoe and pulled out the trees that needed to be cleared away. Another loaned a payloader for loading brush and trees onto trucks.

"Those machines sure helped," says Advisor Hanssen, "even though there was still a lot of trimming and other hand work to do."

A year later an eyesore area was a well-groomed community park, with plans for further improvement continuing. "The park has lots of use, especially on Saturdays and Sundays. People even ask permission to camp out there," reports the vo-ag instructor.

A park needs maintenance! And the members have organized themselves into teams and planned a work schedule to see that it is done. Four FFA'ers are responsible for cleaning up, mowing, and collecting garbage each week.

The park runs down to the water's edge, and future plans include building a beach area. Horseshoe pits and a picnic shelter are also on tap in the developmental plans.

The park building project won for the Viborg Chapter the area and state BOAC awards in addition to the Governor's Citation.

But the real "award" for the members is the knowledge that their volunteer work benefits a whole community. Their enthusiastic actions made a one-time "mess" into a pleasant facility.

Picnic tables built in the vocational agriculture shop were placed in choice locations within the new park.

Members of Viborg Chapter put concrete around the posts of swing sets and other play ground equipment.

Waltner Photos

FFA in Action

Super Saw Wins

Luke Ward and Glenn Weber put "Super Saw" through its paces for practice.

The two-man cross-cut log sawing team of Vernon, Florida, FFA has been together since the fall of 1970. They are Luke Ward and Glenn Weber.

These two were state FFA champion log sawers in 1970 and no team in an official contest has beaten them. In the District I FFA Log Sawing Contest of 1972, the Vernon team sawed through an 8- x 8-inch log in under 13 seconds using a two-man cross-cut saw.

The team has its own saw with the nickname "Super Saw." Un-officially the team has been timed at 11 seconds.

Recently the team went to Dothan, Alabama, for a filming of the Gene Regan TV Farm Show. International Paper Company and the Florida Forest Service sponsored the Log Sawing Contest before the cameras. The Vernon team had competition from an FFA team from Graceville and an FFA team from Marianna. Vernon won easily. *(D. B. Hendry, Advisor)*

Chapter Joins Army

Grantsville, Utah, FFA joined forces with the 96th Army Reserve unit to clean up the community.

FFA'ers helped the Army Reserve in a community cleanup, pick up campaign.

One FFA member's father, Duane Dickman SCN Reserve, of the 96th Army Reserve, approached the mayor of Grantsville City, Teryl Hunsaker, who is also the Grantsville FFA advisor. Mr. Dickman felt that something could be arranged to help the citizens of Grantsville clean up their community. This was agreed upon by both men. The project took place in the fall with a follow-up program in the spring.

The main equipment force was the 96th Army Reserve, commanded by General Ryser, Fort Douglas, Utah. They supplied the heavy duty military equipment along with 45 reservists.

The members of the FFA assumed the responsibility of riding in the trucks to direct the heavy equipment to work locations. Then they helped load the rubbish which could be loaded by hand. The FFA'ers were also responsible to check at each home, see if they had any refuse, and bring it to the roads to be picked up. Thirty members participated and worked about 180 hours.

Lunch was served by the Grantsville Booster Club and members of the VFW.

This program was to assist citizens of Grantsville in the removal of old cars, trees, stumps, and larger items where heavy equipment was needed. Highlight of the day was when the members of the Reserve and FFA were honored by Governor and Mrs. Rampton.

Governor Rampton commented on the success of the project and the value that it had. *(Marty Anderson, Reporter)*

Wayside Inn

There's a new park in Redwood County in Minnesota which has almost everything. A variety of shade trees and smooth grass for beauty, picnic tables and toilet facilities for convenience, and a swing and slide set for youngsters.

It's the production of the two-year-old Wabasso, Minnesota, Chapter.

Located off Highway 71, nine miles south of Redwood Falls, the three-acre park is on land owned by Mrs. Nellie Neuschwander and rented by Leo Prokosch, both of whom authorized its use by the FFA.

The park was officially opened on Labor Day. Coffee and cookies were served to all motorists who stopped in and fluorescent bumper stickers reading "School's Open, Drive Carefully," were distributed.

The FFA youths built and graveled a circle road through the park, mowed, raked, trimmed trees, constructed two picnic tables, painted trash barrels, and rebuilt the two donated outhouses. The work was usually done evenings when

The park FFA developed is marked by a state roadside sign for travelers.

home farm chores were finished.

Anyone who wants to use it for a picnic is welcome. The state has put up wayside rest signs near it.

Trees abound with catalpa and apple among the more usual varieties. There are also lilac bushes on the site.

Darrel Ogilvie, the Wabasso vocational agriculture teacher and advisor, plans to take horticulture classes there for field laboratory studies.

Although the entire chapter was involved in the project, a park committee did much of the work. Committee members were Doug Kletscher, Dave Neumann, Steve Lensing, Steve Prokosch, Floyd Anderson, and Terry Ourada. *(Dave Neumann, Reporter)*

Talented "Blue Diamonds"

When Navasota, Texas, Chapter attended the state FFA convention last year in Dallas, they saw many bands participating in state competition. All members liked the idea so much that a band was started in their chapter.

The Navasota FFA talent team, known as the "Blue Diamonds," has a variety of entertainment for everyone. The band consists of 12 members—four girls and eight boys.

Michael Morrison is the male vocalist specializing in a variety of pop and soul songs. Leo Malek sings country and western songs, and Jo Springfield is the female vocalist. All the vocalists are assisted by three background singers —Sandy Yorek, Cindy Malek, and Debra Yorek.

"One of those loaded bases blew up!"

The instrument players are Max Crittendean, drums; Gary Cobbler, bass guitar; Clark Springfield and Jim Johnson, lead guitars; Johnny Melchor, rhythm guitar; and Jessie Ybarra, organ.

"We have performed at the Navasota High School Talent Show, the Navasota FFA Chapter banquet and have been asked to play at other school talent shows." *(Sandy Yorek, Vice President)*

Artists In Shop

Norton, Kansas, members redecorated the vo-ag shop in FFA blue and gold and saved their school $1,000. There were 58 painters who sprayed, brushed, and splattered the 85 gallons of paint.

Corn Feed

The Mount Baker FFA in Deming, Washington, needed a way to make money to finance the annual Parent and Son Banquet. The two main items on the menu were to be king salmon and fresh corn. At a regular meeting, they found out they could purchase the fish from a former teacher.

But, what about the corn?

Then the idea came up at an FFA meeting to use the 3½-acre field and plant corn there. This went over big with the chapter members, but there were problems to solve.

A local farmer, Larry Richner, came to the rescue and planted the field. Fertilizing and spraying was done by some chapter members. Members living near the field watched it during the summer.

By late August it looked beautiful, and fortunately the field got enough extra sun so enough ears to feed the 350 people who were attending the banquet. The banquet went over big and the FFA received many compliments concerning the delicious corn and the salmon.

Within the next few weeks, the remaining corn matured and was ready for harvest. The chapter decided to pick the corn by hand and sell it to the public in sacks of 105 ears for $3.00. Greenhands showed much interest in selling the corn and so the chapter had a sales contest. The top salesman (by the sack) received $5.00.

Altogether 83 sacks were sold by members and 10,528 pounds were sold to a local cannery.

There was a little corn left and the chapter's "idea" men planned a corn feed. *(Dan Castles, President)*

Students Honored Monthly

At the Early County High School in Blakely, Georgia, there has been an FFA-FHA Boy and Girl of the Year selected for 15 years.

Each month members of the organizations vote for the two boys and two girls most nearly meeting qualifications and select a monthly honoree.

Voting is strongly based on the following qualifications: good sportsmanship and school spirit; honesty; friendliness; dependability; participation in all school activities; leadership ability; and courtesy.

At the end of the school year, the twelve monthly winners are voted on by FFA and FHA and the Student of the Year is selected. The winner is presented a plaque by his organization at the banquet. *(R. E. Balkcom, Advisor)*

Montana's Top Girl

About a year ago Cindy Klessens, a member of the Red Lodge FFA in Montana, was named state Star Green-

(Continued on Next Page)

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FFA in Action

(Continued from Page 41)

hand. She is the first girl to achieve this honor but she hasn't stopped there.

Cindy has since won county-wide livestock showmanship contests with her sheep in both FFA and 4-H. Recently she won the chapter public speaking contest and placed third in the southern Montana district meet. As a Greenhand she was the highest scoring freshman in district competition on the knowledge of FFA and parliamentary procedure.

Cindy's livestock program consists of Columbia ewes and lambs. Using her knowledge she participates on the livestock judging team with her brother Steve and cousin Beth. As a team they topped 45 others in the Montana Midland Empire Fair judging contest being the first Red Lodge team to do it in 15 years. She hopes someday to judge at the National FFA Convention.

Woods Day Fun

Members from 13 northern Minnesota chapters participated in a Woods Day in February. The event was arranged by FFA members and advisors of the Grand Rapids and Bigfork Chapters and emphasizes the activities of the timber business.

Events of the Woods Day include tree felling, timber cruising, chain sawing, one-and two-man hand sawing, tossing the caber, and two distance races. One race is a 100-yard dash with 60-pound pack sac on the back and the other is a one-quarter-mile run on snowshoes.

Both the tree felling and timber cruising contests are scored on a point basis while the sawing contests and races are timed events. The caber toss, an event borrowed from the Scots and modified some, is the throwing of six-foot timber with a diameter of four-inches. The distance is measured from a foul line to the farthest end of the caber as it landed.

One of the exciting events of Woods Day is the chain sawing competition.

The day begins with coffee and includes a lunch in the Bigfork cafeteria. Awards are presented in the woods.

The Bigfork Chapter acts as "straw boss" of the Woods Day while the Grand Rapids, Cotton, Hibbing, Barnum, Cherry, Cromwell, Cook, Aitkin, and T. Meadowlands FFA's each manage one contest. *(Harland Siiro, Bigfork Advisor)*

A "Floating" Project

Billy Reid feeds his cage of catfish in the reservoir on the chapter farm.

Donald Horace, Billy Reid, and Randy Norsworthy of the Lovelady, Texas, Chapter, each manage a cage of 500 catfish in a reservoir with a three-acre surface area located on the chapter's 26-acre grain farm.

The fish were bought as fingerlings

Calendar of Events

June 4-7—Work Experience Abroad Orientation Conference
July 30-August 1—Board of Directors and National Officers Meeting, Olde Colony, Alexandria, Virginia
August 2—Board of Trustees Meeting, Olde Colony, Alexandria, Virginia
October 17-19—National FFA Convention, Kansas City, Missouri

National FFA Conferences

Washington, D.C.—Alexandria, Virginia
June 18-23, June 25-30, July 9-14, July 16-21—Chapter Representatives
July 23-28—State Presidents

Regional State Officer Conferences

June 18-19—Cody, Wyoming
June 20-22—Treasure Valley, Oregon
June 26-28—Kansas City, Missouri
June 27-29—Clifty Falls, Indiana
July 10-14—Mobile, Alabama
July 16-18—Stillwater, Oklahoma
August 1-3—Covington, Georgia
August 6-8—Bristol, Massachusetts

State FFA Conventions

July 8-13—Texas
July 9-15—West Virginia
July 10-13—Georgia
August 8-11—Arizona

State FFA Alumni Meetings

May 30—Mississippi
May 31—Kansas
June 2—Arkansas
June 5—Louisiana
June 6—North Carolina
June 7—Kentucky
June 7—Wyoming
June 19—Virginia
June 28—New Jersey

and fed to a market weight of two pounds using a floating fish ration. Each member was responsible for feeding his fish, checking for diseases, parasites, and monitoring the oxygen level.

The fish were contained in a steel mesh cage floating on styrofoam pads. The catfish were fed at the same time every day for approximately 180 days. The fish were sold live on a contract basis along with 200 other catfish who acted as scavengers and consumed waste feed throughout the project. *(Robert Taylor, Advisor)*

Getting A Farm Loan

The Richfield, Utah, FFA obtained a $3,000 loan from their school board to buy 50 head of Suffolk sheep.

These sheep will be used by any students—including the 16 Navajo members who live in the dorm—who don't have a project. Students have an option to buy or rent the sheep; they pay the chapter for the feed and then keep the offspring.

The chapter's project also includes an agreement with the Bureau of Indian Affairs to buy 3.2 acres of land where FFA will build barns and corrals for the stock. Much of the building supplies will come from the Bureau.

Future plans call for expanding facilities for hay and grain storage, then increasing the scope by adding beef cattle.

The chapter secured their loan by going to the school board with a complete plan. The farm and range management class had prepared the plans for corrals and barns. The agreement will be paid by FFA in five years including interest. *(Martin Beutler, Reporter)*

Old-Fashioned Saturday

Each year the Chamber of Commerce of Cameron, Missouri, (pop. 4,000) puts on an Old-Fashioned Saturday Celebration. On this day Cameron virtually leaves the 1970's and goes back in time to the 19th century.

To add to the celebration, the Cameron FFA Chapter had its own activities for the day. They organized a field crops contest for members and area farmers to display samples of their produce including corn, soybeans, milo, watermelons, pumpkins, potatoes, tomatoes, and carrots. A judging committee awarded ribbons.

In the afternoon the chapter sponsored one of the most popular events, the greased pig contest. In this contest, children of different age groups tried to catch a very greasy pig for a cash prize and a ribbon. Chapter members had as much fun as the participants and the large crowd that looked on.

Throughout a major part of the day, the chapter also conducted a "taxi" service for people up and down main street of town. The taxi was an old-fashioned horse and wagon.

The chapter set up a display in a store window, the same one that won champion at the Missouri State Fair.

The chapter's activities on this day have greatly strengthened the relations between the community and FFA chapter. *(David Graeff, Secretary)*

"I see the word is out that the top blew off our feed tank."

Chapter "Farmers"

Valerie Zbytowski is herdsman for the FFA dairy and is a recent graduate.

The Alpena, Michigan, Chapter has kept plenty busy since they decided to rent and operate a dairy farm 1½ years ago. The farm, located just out of Alpena, is the largest project the chapter has undertaken. The chapter owns 22 cows, 1 bull, and 10 calves which are milked and cared for by the chapter's herdsman, former member Valerie Zbytowski, and by feedsman, FFA member Dick Dubie.

Advisor Bob Lee works with the chapter's dairy board of directors. The board, headed by chairman Tom Brown, sees that the farm is kept running smoothly. The board also is responsible for the financial matters concerning the farm. Advisors Bill Bartow and Kerry Haynor teach the members about farm management.

The dairy farm is completely owned by the FFA and is not affiliated with the school system. *(Penny Habermehl, Chairman, Public Relation)*

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Bill: *"Is it harmful to do assignments on an empty stomach?"*

Jack: *"No, but paper's better!"*

Rickey Bassham
Rogersville, Alabama

Little Leo went to admire the new kittens. In a few minutes there was a medley of howls. *"Don't hurt the kittens, dear,"* called his mother.

"I'm not, Mom," he replied, *"I'm carrying them carefully by the stems."*

Penny Dick
Merryville, Louisiana

"I used to be a carpenter until I got to where I couldn't see to hit the nail on the head."

Doctor: *"Mr. Bones, I'm sorry but your wife's mind is completely gone."*

Mr. Bones: *"I'm not at all surprised. She's been giving me a piece of it every day for the past twenty years."*

Kay Barton
Rogersville, Tennessee

Sign in a store: We would like to help you out. Which way did you come in?

Nathan Hines
Newton, Texas

Ned: *"I know a guy who gave up smoking by chewing on toothpicks."*

Ted: *"Did it work?"*

Ned: *"He quit smoking alright—but two months later he got Dutch Elm disease!"*

Richard Burger, Jr.
Hudson, Wisconsin

A local car salesman downtown has developed a line that never fails. *"This car,"* he says in a confidential whisper, *"is the same make and model as the one Ralph Nader's mother drives."*

Duane Riddle
Argos, Indiana

Policeman: *"Do you know you were doing 60 miles per hour?"*

Sam: *"How could I? I've only been driving 10 minutes."*

Janet Greer
Gillette, Wyoming

The man who believes that *"Where there's smoke there's fire"* evidently hasn't tried cooking on a camping trip.

Vel Mae Harper
Gould, Arkansas

Mother to little boy: *"I don't care if the living room walls are cracked. Stop telling everyone you come from a broken home."*

Charles Pierson
Greenville, Ohio

Farmer: *"Why are you an hour late getting the mules home?"*

Hired Man: *"On the way home I picked up the parson and from then on the mules didn't understand a thing."*

Alvin Rathbone
Waynesville, North Carolina

A very young boy was talking to his friend about his Christmas dinner. *"I didn't like the turkey very much,"* he said, *"but the bread he ate was great."*

Rollin Moseley
Atmore, Alabama

Teacher: *"Always remember that a job well done need never be done again."*

Small tired voice from back of room: *"What about cutting grass?"*

Terry Vaughn
Greenwood, Arkansas

A teacher was checking her students' knowledge of proverbs. *"Cleanliness is next to what?"*

A small boy replied with feeling, *"IMPOSSIBLE!"*

Eric Engelman
Jansen, Nebraska

"Please remember," said the irate female, *"that I am a lady!"*

"Madam," replied her acid male escort, *"your secret is safe with me."*

Jerry Scannell
Eden, Wisconsin

Joe: *"I'm going to a wooden wedding."*

Mike: *"What is a wooden wedding?"*

Joe: *"Sis is marrying a blockhead!"*

Sharon Noyes
Porter, Minnesota

Chemistry Teacher: *"Can you tell me anything about the great chemists of the Seventeenth Century?"*

Carla: *"Sure, they're all dead."*

Ricky Tubbs
Wilburton, Oklahoma

Olly: *"What would you get if Mickey Mantle married Betty Crocker?"*

Polly: *"I don't know. What?"*

Olly: *"A better batter."*

Rickey Husband
Childress, Texas

Two Scotsmen tossed to see who'd pay for the dinner. The winner called "heads." The loser called "fire" and they escaped in the confusion.

Russell Ray Port
Chadwick, Illinois

Charlie, the Greenhand

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